SONY

4-480-657-**11**(1)

Bluetooth® Audio System

Operating Instructions GB

Mode d'emploi FR

Owner's Record

The model and serial numbers are located on the bottom of the unit.
Record these numbers in the spaces provided below.
Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. _____

Serial No. _____

To cancel the demonstration (DEMO) display, see page 17.
Pour annuler l'affichage de démonstration (DEMO), reportez-vous à la page 19.

COMPACT disc DIGITAL AUDIO TEXT

Made for iPod iPhone

WORKS WITH PANDORA

((SiriusXM)) READY

Bluetooth®

MEX-N5000BT/MEX-GS610BT

Be sure to install this unit in the dashboard of the car for safety.
For installation and connections, see the supplied installation/connections manual.

Warning

FOR THE CUSTOMERS IN THE USA. NOT APPLICABLE IN CANADA, INCLUDING IN THE PROVINCE OF QUEBEC.

POUR LES CLIENTS AUX ÉTATS-UNIS. NON APPLICABLE AU CANADA, Y COMPRIS LA PROVINCE DE QUÉBEC.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

This device complies with Part 15 of the FCC Rules and Industry Canada licence-exempt RSS standard(s).
Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20 cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

CAUTION

The use of optical instruments with this product will increase eye hazard.

For the State of California, USA only

Perchlorate Material – special handling may apply, See
www.dtsc.ca.gov/hazardouswaste/perchlorate
Perchlorate Material: Lithium battery contains perchlorate

Note on the lithium battery

Do not expose the battery to excessive heat such as direct sunlight, fire or the like.

Warning if your car's ignition has no ACC position

Be sure to set the AUTO OFF function (page 17). The unit will shut off completely and automatically in the set time after the unit is turned off, which prevents battery drain. If you do not set the AUTO OFF function, press and hold OFF until the display disappears each time you turn the ignition off.

Notes on BLUETOOTH function

Caution

IN NO EVENT SHALL SONY BE LIABLE FOR ANY INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR OTHER DAMAGES INCLUDING, WITHOUT LIMITATION, LOSS OF PROFITS, LOSS OF REVENUE, LOSS OF DATA, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, DOWNTIME, AND PURCHASER'S TIME RELATED TO OR ARISING OUT OF THE USE OF THIS PRODUCT, ITS HARDWARE AND/OR ITS SOFTWARE.

IMPORTANT NOTICE!

Safe and efficient use

Changes or modifications to this unit not expressly approved by Sony may void the user's authority to operate the equipment.
Please check for exceptions, due to national requirement or limitations, in usage of BLUETOOTH equipment before using this product.

Driving

Check the laws and regulations on the use of cellular phones and handsfree equipment in the areas where you drive.
Always give full attention to driving and pull off the road and park before making or answering a call if driving conditions so require.

Connecting to other devices

When connecting to any other device, please read its user guide for detailed safety instructions.

Radio frequency exposure

RF signals may affect improperly installed or inadequately shielded electronic systems in cars, such as electronic fuel injection systems, electronic antiskid (antilock) braking systems, electronic speed control systems or air bag systems. For installation or service of this device, please consult with the manufacturer or its representative of your car. Faulty installation or service may be dangerous and may invalidate any warranty that may apply to this device.
Consult with the manufacturer of your car to ensure that the use of your cellular phone in the car will not affect its electronic system.
Check regularly that all wireless device equipment in your car is mounted and operating properly.

Emergency calls

This BLUETOOTH car handsfree and the electronic device connected to the handsfree operate using radio signals, cellular, and landline networks as well as user-programmed function, which cannot guarantee connection under all conditions.
Therefore do not rely solely upon any electronic device for essential communications (such as medical emergencies).

Remember, in order to make or receive calls, the handsfree and the electronic device connected to the handsfree must be switched on in a service area with adequate cellular signal strength.
Emergency calls may not be possible on all cellular phone networks or when certain network services and/or phone features are in use.
Check with your local service provider.

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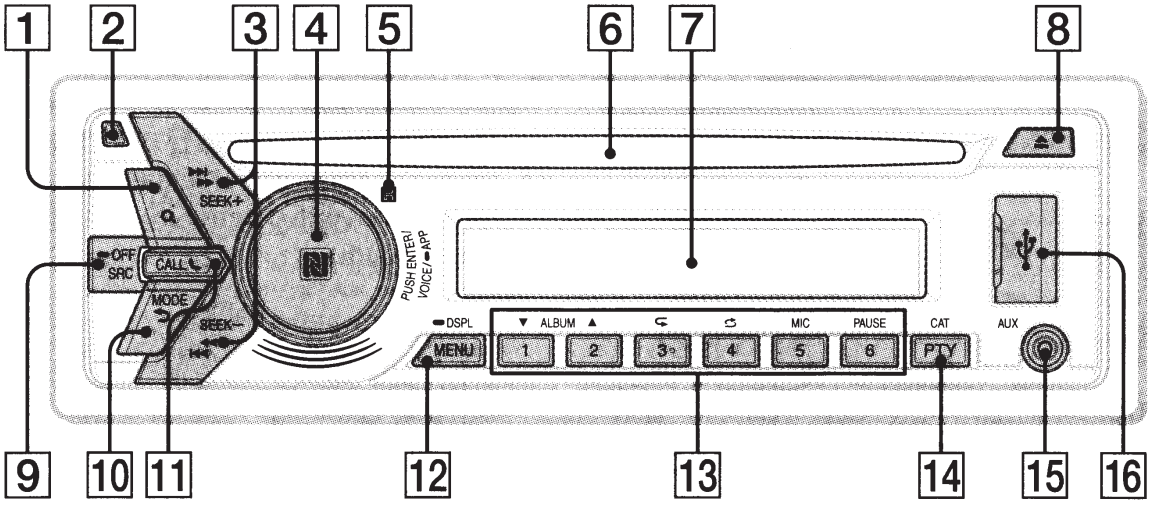
Guide to Parts and Controls

Main unit



The number 3/⊆ (repeat) button has a tactile dot.

1 **Q (browse) (page 12, 13)**
Enter the browse mode during playback.

2 **Front panel release button**

3 **SEEK +/–**
Tune in radio stations automatically. Press and hold to tune manually.
I◄◄ /►►I (prev/next)
◄◄/►► (fast-reverse/fast-forward)

4 **Control dial**
Rotate to adjust the volume.
ENTER
Enter the selected item.
Press SRC, rotate then press to change the source.
VOICE (page 15)
Activate voice dial.
When the App Remote function is on, the voice recognition is activated (Android™ phone only).
-APP
Press and hold for more than 2 seconds to establish App Remote function (connection).
N-Mark
Touch the control dial with Android phone to make BLUETOOTH connection.

5 **Receptor for the remote commander**

6 **Disc slot**

7 **Display window**

8 **⏏ (disc eject)**

9 **SRC (source)**
Turn on the power.
Change the source.
-OFF
Press and hold for 1 second to turn off the power.
Press and hold for more than 2 seconds to turn off the power and the display.
If the unit is turned off and the display disappears, it is unable you to operate with the remote.

10 **⮌ (back)**
Return to the previous display.
MODE (page 9, 11, 13, 15)

11 **CALL ✆**
Enter the call menu. Receive/end a call.
Press and hold more than 2 seconds to switch the BLUETOOTH signal.

12 **MENU**
Open the setup menu.
-DSPL (display)
Press and hold, then press to change display items.

13 **Number buttons (1 to 6)**
Receive stored radio stations. Press and hold to store stations.
Call a stored phone number. Press and hold to store a phone number.
ALBUM ▼/▲
Skip an album for audio device. Press and hold to skip albums continuously.
Press ▲ to thumbs up, or ▼ to thumbs down in Pandora® (page 13).
⊆ (repeat)
⮌ (shuffle)
MIC (page 15)

PAUSE

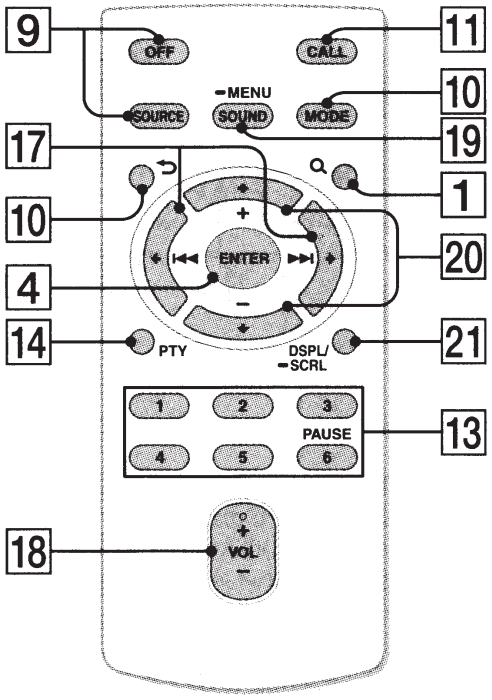
14 **PTY (program type)**
Select PTY in RDS.

CAT (category)
Select radio channels in SiriusXM.

15 **AUX input jack**

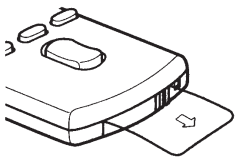
16 **USB port**

RM-X231 Remote



The VOL (volume) + button has a tactile dot.

Remove the insulation film before use.



17 **← (I◄◄)/→ (►►I)**

18 **VOL (Volume) +/–**

19 **SOUND**
Open the SOUND menu directly.

-MENU
Press and hold to open the setup menu.

20 **↑ (+)/↓ (–)**

21 **DSPL (display)/-SCRL(scroll)**
Change display items. Press and hold to scroll a display item.

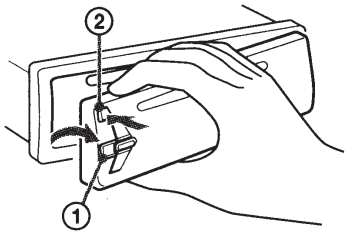
Getting Started

Detaching the Front Panel

You can detach the front panel of this unit to prevent theft.

1 **Press and hold OFF ①.**
The unit is turned off.

2 **Press the front panel release button ②, then remove the panel by pulling it towards you.**



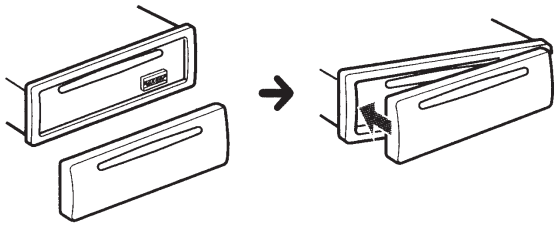
Caution alarm

If you turn the ignition switch to the OFF position without detaching the front panel, the caution alarm will sound for a few seconds. The alarm will only sound if the built-in amplifier is used.

Serial numbers

Make sure the serial numbers on the bottom of the unit and the back of the front panel are matched correctly. Otherwise you cannot make BLUETOOTH pairing, connection and disconnection by NFC.

Attaching the front panel



Setting the Clock

1 **Press MENU, rotate the control dial to select [GENERAL], then press it.**

2 **Rotate the control dial to select [CLOCK-ADJ], then press it.**
The hour indication flashes.

3 **Rotate the control dial to set the hour and minute.**
To move the digital indication, press SEEK +/–.

4 **After setting the minute, press MENU.**
The setup is complete and the clock starts.

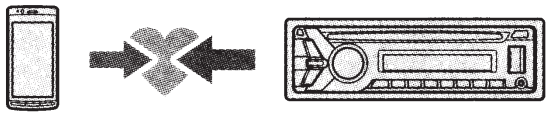
To display the clock, press DSPL.

Preparing a BLUETOOTH Device

You can enjoy music, or perform handsfree calling, by connecting a suitable BLUETOOTH device. For details on connecting, refer to the operating instructions supplied with the device.
Before connecting the device, turn down the volume of this unit; otherwise, loud sound may result.

Pairing and connecting with a BLUETOOTH device

When connecting a BLUETOOTH device (cellular phone, audio device, etc.) for the first time, mutual registration (called "pairing") is required. Pairing enables this unit and other devices to recognize each other.

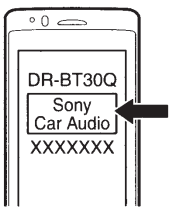


1 **Place the BLUETOOTH device within 1 m (3 ft) of this unit.**

2 **Press CALL, rotate the control dial to select [PAIRING], then press it.**
flashes.
The unit enters pairing standby mode.

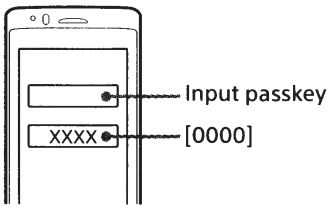
3 **Perform pairing on the BLUETOOTH device so it detects this unit.**

4 **Select [Sony Car Audio] shown in the display of the BLUETOOTH device.**
If [Sony Car Audio] does not appear, repeat from step 2.



5 **If passkey* input is required on the BLUETOOTH device, input [0000].**

* Passkey may be called "Passcode," "PIN code," "PIN number" or "Password," etc., depending on the device.



When pairing is made, stays lit.

6 **Select this unit on the BLUETOOTH device to establish the BLUETOOTH connection.**
or lights up when the connection is made.

Note
While connecting to a BLUETOOTH device, this unit cannot be detected from another device. To enable detection, enter the pairing mode and search for this unit from another device.

To cancel pairing

Perform step 2 to cancel the pairing mode after this unit and the BLUETOOTH device are paired.

Connecting with a paired BLUETOOTH device

To use a paired device, connection with this unit is required. Some paired devices will connect automatically.

1 **Press CALL, rotate the control dial to select [BT SIGNL], then press it.**
Make sure that lights up.

2 **Activate the BLUETOOTH function on the BLUETOOTH device.**

3 **Operate the BLUETOOTH device to connect to this unit.**
or lights up.

Icons in the display:

	Lights up when a cellular phone is connected to the unit.
	Lights up when an audio device is connected to the unit.
	Indicates the signal strength status of connected cellular phone.

To connect the last-connected device from this unit

Activate the BLUETOOTH function on the BLUETOOTH device.
Press SRC.
Select [BT PHONE] or [BT AUDIO].
Press ENTER to connect with the cellular phone, or PAUSE to connect with the audio device.

Note
While streaming BLUETOOTH audio, you cannot connect from this unit to the cellular phone. Connect from the cellular phone to this unit instead.

Tip
With BLUETOOTH signal on: when the ignition is turned to on, this unit reconnects automatically to the last-connected cellular phone.

To install the microphone

For details on how to connect the microphone, refer to the supplied "Installation/Connections" guide.

Connecting with a Smartphone by One touch (NFC)

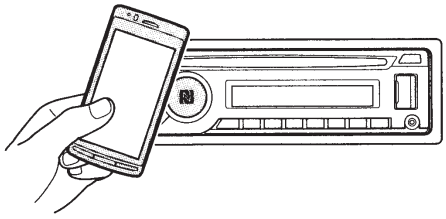
By touching the control dial on the unit with an NFC* compatible smartphone, the unit is paired and connected with the smartphone automatically.

* NFC (Near Field Communication) is a technology enabling short-range wireless communication between various devices, such as mobile phones and IC tags. Thanks to the NFC function, data communication can be achieved easily just by touching the relevant symbol or designated location on NFC compatible devices.

For a smartphone with Android OS 4.0 or lower installed, downloading the app "NFC Easy Connect" available at Google Play™ is required. The app may not be downloadable in some countries/regions.

1 **Activate the NFC function on the smartphone.**
For details, refer to the operating instructions supplied with the smartphone.

2 **Touch the N-Mark part of the unit with the N-Mark part of the smartphone.**



Make sure that ⓑ lights up on the display of the unit.

To disconnect by One touch

Touch the N-Mark part of the unit with the N-Mark part of the smartphone again.

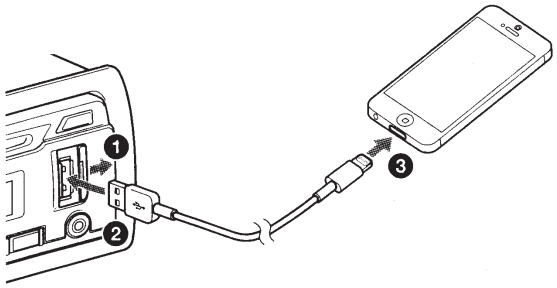
Notes
- When making the connection, handle the smartphone carefully to prevent scratches.
- One touch connection is not possible when the unit is already connected to another NFC compatible device. In this case, disconnect the other device, and make connection with the smartphone again.

Connecting with an iPhone/iPod (BLUETOOTH Auto Pairing)

When an iPhone/iPod with iOS5 or later installed is connected to the USB port, the unit is paired and connected with the iPhone/iPod automatically.
To enable BLUETOOTH Auto Pairing, make sure [AUTO PAIRING] in BT setup is set to [ON] (page 19).

1 **Activate the BLUETOOTH function on the iPhone/iPod.**

2 **Connect an iPhone/iPod to the USB port.**



Make sure that ⓑ lights up on the display of the unit.

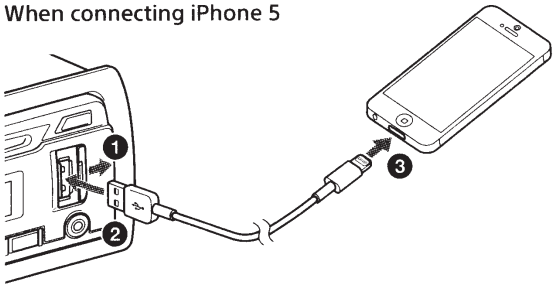
Note
BLUETOOTH Auto Pairing is not possible if the unit is already connected to another BLUETOOTH device. In this case, disconnect the other device, then connect the iPhone/iPod again.

Connecting an iPod/USB Device

1 **Turn down the volume on the unit.**

2 **Connect the iPod/USB device to the unit.**
To connect an iPod/iPhone, use the USB connection cable for iPod (not supplied).

When connecting iPhone 5



For MEX-GS610BT, the rear USB port is also available.

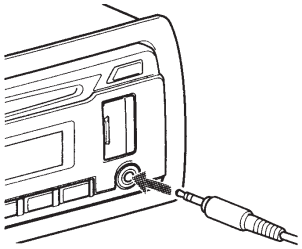
Connecting Other Portable Audio Device

1 Turn off the portable audio device.

2 Turn down the volume on the unit.

3 Connect the portable audio device to the AUX input jack (stereo mini jack) on the unit with a connecting cord (not supplied)*.

* Be sure to use a straight type plug.



4 Press SRC to select [AUX].

To match the volume level of the connected device to other sources

Start playback of the portable audio device at a moderate volume, and set your usual listening volume on the unit.
Press MENU and rotate the control dial.
Select [SOUND] → [AUX VOL] (page 19).

Listening to the Radio/SiriusXM

Listening to the Radio

To listen to the radio, press SRC to select [TUNER].

Storing automatically (BTM)

1 Press MODE to change the band (FM1, FM2, FM3, AM1 or AM2).

2 Press MENU, rotate the control dial to select [GENERAL], then press it.

3 Rotate the control dial to select [BTM], then press it.
The unit stores stations in order of frequency on the number buttons.

Tuning

1 Press MODE to change the band (FM1, FM2, FM3, AM1 or AM2).

2 Perform tuning.

To tune manually
Press and hold SEEK +/– to locate the approximate frequency, then press SEEK +/– repeatedly to fine adjust to the desired frequency.

To tune automatically
Press SEEK +/–.
Scanning stops when the unit receives a station. Repeat this procedure until the desired station is received.

Storing manually

1 While receiving the station that you want to store, press and hold a number button (1 to 6) until [MEM] appears.

Receiving the stored stations

1 Select the band, then press a number button (1 to 6).

Using Radio Data System (RDS)

Selecting program types (PTY)

Use PTY to display or search for a desired program type.

1 Press PTY during FM reception.

2 Rotate the control dial until the desired program type appears, then press it.
The unit starts to search for a station broadcasting the selected program type.

Type of programs

NEWS (News), **INFORM** (Information), **SPORTS** (Sports), **TALK** (Talk), **ROCK** (Rock), **CLS ROCK** (Classic Rock), **ADLT HIT** (Adult Hits), **SOFT RCK** (Soft Rock), **TOP 40** (Top 40), **COUNTRY** (Country), **OLDIES** (Oldies), **SOFT** (Soft), **NOSTALGA** (Nostalgia), **JAZZ** (Jazz), **CLASSICL** (Classical), **R AND B** (Rhythm and Blues), **SOFT R B** (Soft Rhythm and Blues), **LANGUAGE** (Foreign Language), **REL MUSC** (Religious Music), **REL TALK** (Religious Talk), **PERSNLTY** (Personality), **PUBLIC** (Public), **COLLEGE** (College), **WEATHER** (Weather)

Setting clock time (CT)

The CT data from the RDS transmission sets the clock.

1 Set [CT-ON] in GENERAL setup (page 17).

Listening to the SiriusXM Radio

To listen to the SiriusXM, press SRC to select [SIRIUSXM].

Preparing for the SiriusXM Vehicle Tuner

Everything worth listening to is on SiriusXM, getting over 130 channels, including the most commercial-free music, plus the best sports, news, talk and entertainment. A SiriusXM Vehicle Tuner (sold separately) and Subscription are required. For more information, visit www.siriusxm.com

To listen to SiriusXM Satellite Radio, a subscription is required. Activate the SiriusXM Vehicle Tuner using one of the two methods below:
- Online: Go to www.siriusxm.com/activatenow
- Phone: Call 1-866-635-2349

For SiriusXM activation, the Radio ID is required.

To display the SiriusXM Radio ID

1 During playback, press Q (browse) to enter the browse mode.

2 Rotate the control dial to select the channel [0], then press it.

Selecting channels for SiriusXM

1 Press Q (browse).

2 Rotate the control dial to select the desired channel, then press it.

To select channels from categories

1 Press CAT.

2 Rotate the control dial to select the desired category, then press it.

To store channels

1 While receiving the channel that you want to store, press and hold a number button (1 to 6) until [MEM] appears.

To receive the stored channel, press MODE to select [SX1], [SX2] or [SX3], then press a number button (1 to 6).

To set a parental control

Some SiriusXM channels contain content that is not suitable for children. You can enable a parental control passcode for these channels.

1 Press MENU and rotate the control dial.

2 Select [GENERAL] → [PARENTAL] → [LOCK SEL] → [LOCK-ON].

3 Enter the passcode, then press ENTER.
The initial passcode is [0000].

To unlock the channels, select [OFF].

To change the passcode

1 Press MENU and rotate the control dial.

2 Select [GENERAL] → [PARENTAL] → [CODE EDIT].

3 Enter the current passcode on the current passcode input display, then press ENTER.
The initial passcode is [0000].

4 Enter your new 4-digit passcode on the new passcode input display, then press ENTER.

To change display items

Press and hold, then press DSPL to change as follows:
Channel Number (Default) → Channel Name → Artist Name → Song Title → Content Info → Category Name → Clock

Playback

Playing a Disc

1 Insert the disc (label side up).

Playback starts automatically.

Playing an iPod/USB Device

In these Operating Instructions, "iPod" is used as a general reference for the iPod functions on an iPod and iPhone, unless otherwise specified by the text or illustrations.

For details on the compatibility of your iPod, see "About iPod" (page 20) or visit the support site on the back cover.

MSC (Mass Storage Class)-type USB devices (such as a USB flash drive, digital media player, Android phone) compliant with the USB standard can be used.
Depending on the digital media player or Android phone, setting the USB connection mode to MSC is required.

Notes

- For details on the compatibility of your USB device, visit the support site on the back cover.
- Playback of the following MP3/WMA/WAV files is not supported.
  - lossless compression files
  - copyright-protected files
  - DRM (Digital Rights Management) files
  - Multi-channel audio files

1 Connect an iPod/USB device to the USB port (page 8).

Playback starts.
If a device is already connected, to start playback, press SRC to select [USB] ([IPD] appears in the display when the iPod is recognized).
For MEX-GS610BT, press SRC to select [USB1] for the USB port on the front, [USB2] for the USB port on the rear.

2 Adjust the volume on this unit.

To stop playback

Press and hold OFF for 1 second.

To remove the device

Stop playback, then remove the device.

Caution for iPhone

When you connect an iPhone via USB, phone call volume is controlled by the iPhone, not the unit. Do not inadvertently increase the volume on the unit during a call, as sudden loud sound may result when the call ends.

Operating an iPod directly (Passenger control)

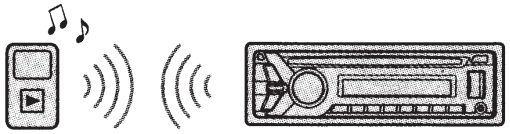
Press and hold MODE during playback until [MODE IPOD] appears to enable operation by the iPod directly.
Note that the volume can be adjusted only by the unit.

To exit passenger control

Press and hold MODE until [MODE AUDIO] appears.

Playing a BLUETOOTH Device

You can play contents on a connected device that supports BLUETOOTH A2DP (Advanced Audio Distribution Profile).



1 Make BLUETOOTH connection with the audio device (page 7).

2 Press SRC to select [BT AUDIO].

3 Operate the audio device to start playback.

4 Adjust the volume on this unit.

Notes

- Depending on the audio device, information such as title, track number/time and playback status may not be displayed on this unit.
- Even if the source is changed on this unit, playback of the audio device does not stop.
- [BT AUDIO] does not appear in the display while running the "App Remote" application via the BLUETOOTH function.

To match the volume level of the BLUETOOTH device to other sources

Start playback of the BLUETOOTH audio device at a moderate volume, and set your usual listening volume on the unit.

Press MENU and rotate the control dial.
Select [SOUND] → [BTA VOL] (page 19).

Searching and Playing Tracks

Repeat play and shuffle play

1 During playback, press ⊆ (repeat) for Repeat play, or ⇄ (shuffle) for Shuffle play.

2 Press ⊆ (repeat) or ⇄ (shuffle) repeatedly to select the desired play mode.
Playback in selected play mode may take time to start.

Available play modes differ depending on the selected sound source.

Searching a track by name (Quick-BrowZer™)

1 During CD, USB or BT audio device*1 playback, press Q (browse)*2 to display the list of search categories.
When the track list appears, press ⮌ (back) repeatedly to display the desired search category.

*1 Available only for audio devices supporting AVRCP (Audio Video Remote Control Profile) 1.4 or above.
*2 During USB playback, press Q (browse) for more than 2 seconds to directly return to the beginning of the category list.

2 Rotate the control dial to select the desired search category, then press it to confirm.

3 Repeat step 2 to search the desired track.
Playback starts.

To exit the Quick-BrowZer mode
Press Q (browse).

Searching by skipping items (Jump mode)

1 Press Q (browse).

2 Press SEEK +.

3 Rotate the control dial to select the item.
The list is jumped in steps of 10% of the total number of items.

4 Press ENTER to return to the Quick-BrowZer mode.
The selected item appears.

5 Rotate the control dial to select the desired item, then press it.
Playback starts.

Listening to Pandora®

Pandora® is available to stream music through your iPhone, Android™ and BlackBerry® phones. You can control Pandora® on a USB-connected iPhone or BLUETOOTH connected Android/BlackBerry phone from this unit.
The Pandora® service is not available in some countries/regions.

Preparing for Pandora®

1 To check for compatible devices, visit the support site on the back cover.

2 Download the latest version of the Pandora® application from www.pandora.com

For Android phone only
You cannot control Pandora® via the BLUETOOTH function while running the "App Remote" application via BLUETOOTH.

Streaming Pandora®

1 Connect this unit with the mobile device.
- iPhone via USB (page 8)
- Android/BlackBerry phone via BLUETOOTH function (page 7)

2 Press SRC to select [PANDORA USB] or [BT PANDORA].

3 Launch Pandora® application on the mobile device.

4 Press PAUSE to start playback.

If the device number appears
Make sure that the same numbers are displayed (e.g., 123456) in this unit and the mobile device, then press ENTER on this unit and select [Yes] on the mobile device.

When activating the BLUETOOTH function
You can adjust the volume level.
Press MENU and rotate the control dial. Select [SOUND] → [BTA VOL] (page 19).

Available Operations in the Pandora®

"Thumbs" feedback

"Thumbs Up" or "Thumbs Down" feedback allows you to personalize stations.

Thumbs Up
During playback, press ▲.

Thumbs Down
During playback, press ▼.

Using the station list

The station list allows you to easily select a desired station.

1 During playback, press Q (browse).

2 Press SEEK + to select the sorting order [BY DATE] or [A TO Z].

3 Rotate the control dial to select the desired station, then press it.
Playback starts.

Bookmarking

The track or artist currently being played can be bookmarked and stored in your Pandora® account.

1 During playback, press and hold MODE until [BOOKMARK] appears.

2 Rotate the control dial to select [TRK] (track) or [ART] (artist), then press it.

Handsfree Calling

To use a cellular phone, connect it with this unit. For details, see "Preparing a BLUETOOTH Device" (page 7).

Receiving a Call

1 Press CALL when a call is received with a ringtone.
The phone call starts.

Note
The ringtone and talker's voice are output only from the front speakers.

To reject the call
Press and hold OFF for 1 second.

To end the call
Press CALL again.

Making a Call

You can make a call from the phonebook or call history when a cellular phone supporting PBAP (Phone Book Access Profile) is connected.

Calling from the phonebook

1 Press CALL, rotate the control dial to select [PHONEBOOK], then press it.

2 Rotate the control dial to select an initial from the initial list, then press it.

3 Rotate the control dial to select a name from the name list, then press it.

4 Rotate the control dial to select a number from the number list, then press it.
The phone call starts.

Calling from the call history

1 Press CALL, rotate the control dial to select [RECENT CALL], then press it.
A list of the call history appears.

2 Rotate the control dial to select a name or phone number from the call history, then press it.
The phone call starts.

Calling by phone number input

1 Press CALL, rotate the control dial to select [DIAL NUMBER], then press it.

2 Rotate the control dial to enter the phone number, and lastly select [ ] (space), then press ENTER*.
The phone call starts.

* To move the digital indication, press SEEK +/–.

Note
[_] appears instead of [#] on the display.

Calling by redial

1 Press CALL, rotate the control dial to select [REDIAL], then press it.
The phone call starts.

Presetting phone numbers

You can store up to 6 contacts in the preset dial.

1 Select a phone number that you want to store in the preset dial, from the phonebook, call history or by inputting the phone number directly.
The phone number appears in the display of this unit.

2 Press and hold a number button (1 to 6) until [MEM] appears.
The contact is stored in the selected preset number.

Calling by preset number

1 Press SRC, rotate the control dial to select [BT PHONE], then press it.

2 Press a number button (1 to 6) to select the contact you want to call.

3 Press ENTER.
The phone call starts.

Calling by voice tags

You can make a call by saying the voice tag stored in a connected cellular phone that has a voice dialing function.

1 **Press CALL, rotate the control dial to select [VOICE DIAL], then press it.**
Alternatively, press ENTER while the App Remote function is off.

2 **Say the voice tag stored on the cellular phone.**
Your voice is recognized, and the call is made.

To cancel voice dialing
Press ENTER.

Available Operations during Call

To preset the volume of the ringtone and talker's voice
You can preset the volume level of the ringtone and talker's voice.

Adjusting the ringtone volume:
Rotate the control dial while receiving a call.

Adjusting the talker's voice volume:
Rotate the control dial during a call.

To adjust the volume for the other party (Mic gain adjustment)
Press MIC.
Adjustable volume levels: [MIC-LOW], [MIC-MID], [MIC-HI].

To reduce echo and noise (Echo Canceler/ Noise Canceler Mode)
Press and hold MIC.
Settable mode: [EC/NC-1], [EC/NC-2].

To transfer a call
In order to activate/deactivate the appropriate device (this unit/cellular phone), press MODE or use your cellular phone.

Note
Depending on the cellular phone, handsfree connection may be cut off when call transfer is attempted.

To check the status of SMS/email*
✉ flashes when a new SMS/email is received, and stays lit when there are unread messages.

* Available only for a cellular phone supporting MAP (Message Access Profile).

Useful Functions

App Remote with iPhone/ Android Phone

Downloading the "App Remote" application is required from App Store for iPhone or from Google Play for Android phone.
Using the "App Remote" application, the following features are available:

- Operate the unit to launch and control compatible applications on iPhone/Android phone.
- Operate iPhone/Android phone with simple finger gestures to control the source of the unit.
- Launch an application/audio source or search the keyword on the application by saying a word or phrase into the microphone (Android phone only).
- Read out incoming text messages, SMS, email, Twitter, Facebook, Calendar, etc., automatically, and the text messages, SMS and email can be replied (Android phone only).
- Adjust the sound settings (EQ10, Balance/Fader, Listening Position) of the unit via iPhone/ Android phone.

Notes
- For your safety, follow your local traffic laws and regulations, and do not operate the application while driving.
- Available operations differ depending on the applications. For details on available applications, visit the support site on the back cover.
- App Remote ver. 2.0 via USB is compatible with iOS 5/ iOS 6 installed iPhones.
- App Remote ver. 2.0 via BLUETOOTH is compatible with Android devices with Android 2.2, 2.3, 3.*, 4.0, 4.1 or 4.2 installed.
- Voice recognition function does not work depending on your smartphone. In that case, go to [Settings] – select [Voice Recognition].
- SMS/E-mail/Notification reading is available for Android devices with TTS engine installed.
- The "Smart Connect" application, provided by Sony Mobile Communications, is necessary for Twitter/ Facebook/Calendar, etc., notification read out.

Establishing the App Remote connection

1 Connect iPhone to the USB port or Android phone with the BLUETOOTH function.

2 Launch the "App Remote" application.

3 Press and hold APP on the unit for more than 2 seconds.
Connection to iPhone/Android phone starts. For details on the operations on iPhone/Android phone, see the help of the application.

If the device number appears

Make sure that the same numbers are displayed (e.g., 123456) in this unit and the mobile device, then press ENTER on this unit and select [Yes] on the mobile device.

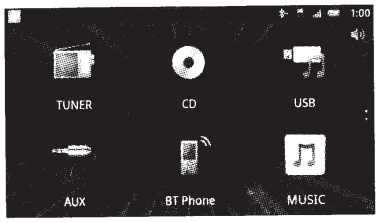
To terminate connection

Press and hold APP.

Selecting the source or application

You can operate the unit to select the desired source or application on your smartphone.

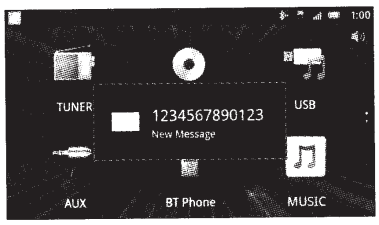
1 Rotate the control dial to select the desired source or application, then press it.



To select another source or application, press SRC then rotate the control dial to select the desired source or application.

Announcement of various information by voice guide (Android phone only)

When SMS/E-mail, Twitter/Facebook/Calendar notifications, etc., are received, they are automatically announced through the car speakers.



For details on settings, refer to the help of the application.

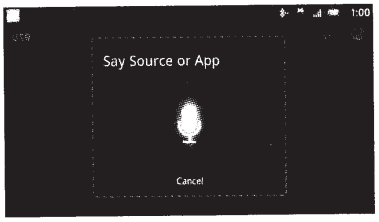
Activating voice recognition (Android phone only)

By registering applications, you can control an application by voice command. For details, refer to the help of the application.

To activate voice recognition

1 Press ENTER to activate voice recognition.

2 Say the desired voice command into the microphone when [Say Source or App] appears on the Android phone.



Notes

- Voice recognition may not be available in some cases.
- Voice recognition may not work properly depending on the performance of the connected Android phone.
- Operate under conditions where noise such as engine sound is minimized during voice recognition.

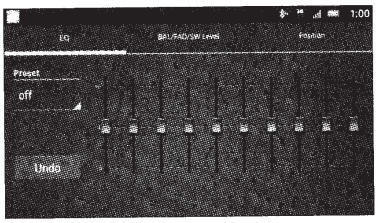
When a music or video application is selected*

Press 1 or 2 to enter HID mode, and press SEEK +/– to select a playback item, then press ENTER to start playback.

* Available only for an Android phone supporting HID (Human Interface Device Profile).

Making sound settings

You can adjust the settings for EQ, BAL/FAD/SW Level and Position via your smartphone.



For details on settings, refer to the help of the application.

Canceling the DEMO Mode

You can cancel the demonstration display which appears while this unit is turned off.

1. **Press MENU, rotate the control dial to select [DISPLAY], then press it.**
2. **Rotate the control dial to select [DEMO], then press it.**
3. **Rotate the control dial to select [DEMO-OFF], then press it.**
   The setting is complete.
4. **Press ⮌ (back) twice.**
   The display returns to normal reception/play mode.

Basic Setting Operation

You can set items in the menu to the following procedure.
The following items can be set depending on the source and setting.

1. **Press MENU.**
2. **Rotate the control dial to select the setup category, then press it.**
   Setup categories are follows:
   - GENERAL setup (page 17)
   - SOUND setup (page 17)
   - DISPLAY setup (page 19)
   - BT (BLUETOOTH) setup (page 19)
   - APP REM (App Remote) setup (page 19)
3. **Rotate the control dial to select the options, then press it.**

To return to the previous display
Press ⮌ (back).

GENERAL Setup

CLOCK-ADJ (clock adjust) (page 6)

CAUT ALM (caution alarm)
Activates the caution alarm: [ON], [OFF] (page 6). (Available only when the unit is turned off.)

BEEP
Activates the beep sound: [ON], [OFF].

AUTO OFF
Shuts off automatically after a desired time when the unit is turned off: [NO], [30S] (30 seconds), [30M] (30 minutes), [60M] (60 minutes).

AUX-A (AUX audio)
Activates the AUX source display: [ON], [OFF]. (Available only when the unit is turned off.)

CT (clock time)
Activates the CT function: [ON], [OFF] (page 10).

BTM (page 9)

PARENTAL
Sets the parental lock to [ON], [OFF], and edits the passcode (page 10). (Available only when the SiriusXM Vehicle Tuner is connected.)

SXM RESET (SiriusXM reset)
Initializes the SiriusXM Connect Tuner settings (preset channels/parental lock): [ON], [OFF]. (Available only when the SiriusXM Vehicle Tuner is connected).

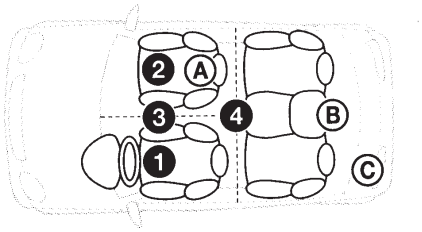
SOUND Setup

C.AUDIO+ (clear audio+)
Reproduces sound by optimizing the digital signal with the Sony recommended sound settings: [ON], [OFF]. (Automatically sets to [OFF] when [EQ10 PRESET] is changed).

EQ10 PRESET
Selects an equalizer curve from 10 equalizer curves or off: [R AND B], [ROCK], [POP], [DANCE], [HIP-HOP], [ELECTRONICA], [JAZZ], [SOUL], [COUNTRY], [CUSTOM], [OFF].
The equalizer curve setting can be memorized for each source.

EQ10 SETTING
Sets [CUSTOM] of EQ10.
BASE
Selects a preset equalizer curve as a basis for further customizing: [BAND1] 32 Hz, [BAND2] 63 Hz, [BAND3] 125 Hz, [BAND4] 250 Hz, [BAND5] 500 Hz, [BAND6] 1 kHz, [BAND7] 2 kHz, [BAND8] 4 kHz, [BAND9] 8 kHz, [BAND10] 16 kHz.
The volume level is adjustable in 1 dB steps, from -6 dB to +6 dB.

POSITION (listening position)



SET F/R POS (set front/rear position)
Simulates a natural sound field by delaying the sound output from front/rear speaker to suit your position.
FRONT L (❶): Front left
FRONT R (❷): Front right
FRONT (❸): Center front
ALL (❹): In the center of your car
CUSTOM: Position set by App Remote
OFF: No position set
ADJ POSITION* (adjust position)
Fine-tunes the listening position setting.
Adjustable range: [+3] – [CENTER] – [-3].
SET SW POS* (set subwoofer position)
NEAR (Ⓐ): Near
NORMAL (Ⓑ): Normal
FAR (Ⓒ): Far

BALANCE
Adjusts the sound balance: [RIGHT-15] – [CENTER] – [LEFT-15].

FADER
Adjusts the relative level: [FRONT-15] – [CENTER] – [REAR-15].

DSEE (digital sound enhancement engine)
Improves digitally compressed sound by restoring high frequencies lost in the compression process.
This setting can be memorized for each source other than the tuner.
Selects the DSEE mode: [ON], [OFF].

LOUDNESS
Reinforces bass and treble for clear sound at low volume levels: [ON], [OFF].

AAV (advanced auto volume)
Adjust the playback volume level of all playback sources to the optimum level: [ON], [OFF].

RB ENH (rear bass enhancer)
Rear Bass Enhancer enhances the bass sound by applying a low pass filter setting to the rear speakers. This function allows the rear speakers to work as a subwoofer if one is not connected. (Available only when [SW DIREC] is set to [OFF].)
RBE MODE (rear bass enhancer mode)
Selects the rear bass enhancer mode: [1], [2], [3], [OFF].
LPF FREQ (low pass filter frequency)
Selects the subwoofer cut-off frequency: [50Hz], [60Hz], [80Hz], [100Hz], [120Hz].
LPF SLOP (low pass filter slope)
Selects the LPF slope: [1], [2], [3].

SW DIREC (subwoofer direct connection)
You can use the subwoofer without a power amplifier when it is connected to the rear speaker cord. (Available only when [RBE MODE] is set to [OFF].)
Be sure to connect a 4 - 8 ohm subwoofer to either of the rear speaker cords. Do not connect a speaker to the other rear speaker cord.
SW MODE (subwoofer mode)
Selects the subwoofer mode: [1], [2], [3], [OFF].
SW PHASE (subwoofer phase)
Selects the subwoofer phase: [NORM], [REV].
SW POS* (subwoofer position)
Selects the subwoofer position: [NEAR], [NORMAL], [FAR].
LPF FREQ (low pass filter frequency)
Selects the subwoofer cut-off frequency: [50Hz], [60Hz], [80Hz], [100Hz], [120Hz].
LPF SLOP (low pass filter slope)
Selects the LPF slope: [1], [2], [3].

S.WOOFER (subwoofer)
SW LEVEL (subwoofer level)
Adjusts the subwoofer volume level: [+10 dB] – [0 dB] – [-10 dB].
([ATT] is displayed at the lowest setting.)
SW PHASE (subwoofer phase)
Selects the subwoofer phase: [NORM], [REV].
SW POS* (subwoofer position)
Selects the subwoofer position: [NEAR], [NORMAL], [FAR].
LPF FREQ (low pass filter frequency)
Selects the subwoofer cut-off frequency: [50Hz], [60Hz], [80Hz], [100Hz], [120Hz].
LPF SLOP (low pass filter slope)
Selects the LPF slope: [1], [2], [3].

HPF (high pass filter)
HPF FREQ (high pass filter frequency)
Selects the front/rear speaker cut-off frequency: [OFF], [50Hz], [60Hz], [80Hz], [100Hz], [120Hz].
HPF SLOP (high pass filter slope)
Selects the HPF slope (effective only when [HPF FREQ] is set to other than [OFF]): [1], [2], [3].

AUX VOL (AUX volume level)
Adjusts the volume level for each connected auxiliary device: [+18 dB] – [0 dB] – [-8 dB]. This setting negates the need to adjust the volume level between sources.

BTA VOL (BLUETOOTH audio volume level)
Adjusts the volume level for each connected BLUETOOTH device: [+6 dB] – [0 dB] – [-6 dB]. This setting negates the need to adjust the volume level between sources.

* Does not appear when [SET F/R POS] is set to [OFF].

DISPLAY Setup

DEMO (demonstration)
Activates the demonstration: [ON], [OFF].

DIMMER
Changes the display brightness.
AT (auto)
Dims the display automatically when you turn lights on. (Available only when the illumination control lead is connected.)
ON
Dims the display.
OFF
Deactivates the dimmer.

COLOR (preset color - dynamic color illuminator)
Sets a preset color for the display and buttons on the main unit.
Selects from 12 preset colors, 1 customized color and 5 preset patterns.

CUSTOM-C (custom color)
Registers a customized color for the display and buttons.
BASE
Selects a preset color as a basis for further customizing: [RGB RED], [RGB GRN], [RGB BLUE].
Adjustable color range: [0] – [32] ([0] cannot be set for all color ranges).
DAYNIGHT
Sets a different color for DAY/NIGHT mode according to the dimmer setting.
– [DAY]: [DIMMER] sets to [OFF] or [AUTO] (turn off the head light).
– [NIGHT]: [DIMMER] sets to [ON] or [AUTO] (turn on the head light).

SND SYNC (sound synchronization)
Selects the color with sound synchronization: [ON], [OFF].

WHT MENU (white menu)
You can display the menu more clearly (white) without concern for color setting: [ON], [OFF].

START-WHT (start white)
When SRC is pressed, the display and buttons on the main unit turn white once, then change to the customized color: [ON], [OFF].

AUTO SCR (auto scroll)
Scrolls long items automatically: [ON], [OFF].

BT (BLUETOOTH) Setup

This setup menu can be also opened by pressing CALL.

PAIRING (page 7)

PHONEBOOK (page 14)

REDIAL (page 14)

RECENT CALL (page 14)

VOICE DIAL (page 15)

DIAL NUMBER (page 14)

RINGTONE
Selects whether this unit or the connected cellular phone outputs the ringtone: [1] (this unit), [2] (cellular phone).

AUTO ANS (auto answer)
Sets this unit to answer an incoming call automatically: [OFF], [1] (about 3 seconds), [2] (about 10 seconds).

AUTO PAIRING
Start BLUETOOTH pairing automatically when iOS device version 5.0 or later is connected via USB: [ON], [OFF].

BT SIGNL (BLUETOOTH signal) (page 7)
Activates the BLUETOOTH function: [ON], [OFF].

BT INIT (BLUETOOTH initialize)
Initializes all the BLUETOOTH related settings (pairing information, preset number, device information, etc.).
When disposing the unit, initialize all the settings.

APP REM (App Remote) Setup

Establish and terminate App Remote function (connection).

Additional Information

Precautions

- Cool off the unit beforehand if your car has been parked in direct sunlight.
- Do not leave the front panel or audio devices brought in inside the car, or it may cause malfunction due to high temperature in direct sunlight.
- Power antenna (aerial) extends automatically.

Moisture condensation

Should moisture condensation occur inside the unit, remove the disc and wait for about an hour for it to dry out; otherwise the unit will not operate properly.

To maintain high sound quality

Do not splash liquid onto the unit or discs.

Notes on discs

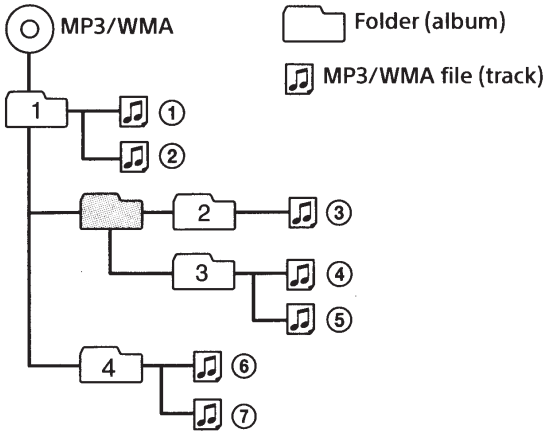
- Do not expose discs to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in direct sunlight.
- Before playing, wipe the discs with a cleaning cloth from the center out. Do not use solvents such as benzine, thinner, commercially available cleaners.

- This unit is designed to play back discs that conform to the Compact Disc (CD) standard. DualDiscs and some of the music discs encoded with copyright protection technologies do not conform to the Compact Disc (CD) standard, therefore, these discs may not be playable by this unit.
- Discs that this unit CANNOT play
  - Discs with labels, stickers, or sticky tape or paper attached. Doing so may cause a malfunction, or may ruin the disc.
  - Discs with non-standard shapes (e.g., heart, square, star). Attempting to do so may damage the unit.
  - 8 cm (3 1/4 in) discs.

Notes on CD-R/CD-RW discs

- The maximum number of: (CD-R/CD-RW only)
  - folders (albums): 150 (including root folder)
  - files (tracks) and folders: 300 (may less than 300 if folder/file names contain many characters)
  - displayable characters for a folder/file name: 32 (Joliet)/64 (Romeo)
- If the multi-session disc begins with a CD-DA session, it is recognized as a CD-DA disc, and other sessions are not played back.
- Discs that this unit CANNOT play
  - CD-R/CD-RW of poor recording quality.
  - CD-R/CD-RW recorded with an incompatible recording device.
  - CD-R/CD-RW which is finalized incorrectly.
  - CD-R/CD-RW other than those recorded in music CD format or MP3 format conforming to ISO9660 Level 1/Level 2, Joliet/Romeo or multi-session.

Playback order of MP3/WMA files



About iPod

- You can connect to the following iPod models. Update your iPod devices to the latest software before use.

Compatible iPhone/iPod models

Compatible Model	USB
iPhone 5	○
iPhone 4S	○
iPhone 4	○
iPhone 3GS	○
iPhone 3G	○
iPod touch (5th generation)	○
iPod touch (4th generation)	○
iPod touch (3rd generation)	○
iPod touch (2nd generation)	○
iPod classic	○
iPod nano (7th generation)	○
iPod nano (6th generation)	○
iPod nano (5th generation)	○
iPod nano (4th generation)	○
iPod nano (3rd generation)	○

- "Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod or iPhone may affect wireless performance.

About BLUETOOTH function

What is BLUETOOTH technology?

- BLUETOOTH wireless technology is a short-range wireless technology that enables wireless data communication between digital devices, such as a cellular phone and a headset. BLUETOOTH wireless technology operates within a range of about 10 m (33 ft). Connecting two devices is common, but some devices can be connected to multiple devices at the same time.
- You do not need to use a cable for connection since BLUETOOTH technology is a wireless technology, neither is it necessary for the devices to face one another, such is the case with infrared technology. For example, you can use such a device in a bag or pocket.
- BLUETOOTH technology is an international standard supported by millions of companies all over the world, and employed by various companies worldwide.

On BLUETOOTH communication

- BLUETOOTH wireless technology operates within a range of about 10 m (33 ft).
  Maximum communication range may vary depending on obstacles (person, metal, wall, etc.) or electromagnetic environment.
- The following conditions may affect the sensitivity of BLUETOOTH communication.
  — There is an obstacle such as a person, metal, or wall between this unit and BLUETOOTH device.
  — A device using 2.4 GHz frequency, such as a wireless LAN device, cordless telephone, or microwave oven, is in use near this unit.
- Because BLUETOOTH devices and wireless LAN (IEEE802.11b/g) use the same frequency, microwave interference may occur and result in communication speed deterioration, noise, or invalid connection if this unit is used near a wireless LAN device. In such as case, perform the following.
  — Use this unit at least 10 m (33 ft) away from the wireless LAN device.
  — If this unit is used within 10 m (33 ft) of a wireless LAN device, turn off the wireless LAN device.
  — Install this unit and BLUETOOTH device as near to each other as possible.
- Microwaves emitting from a BLUETOOTH device may affect the operation of electronic medical devices. Turn off this unit and other BLUETOOTH devices in the following locations, as it may cause an accident.
  — where inflammable gas is present, in a hospital, train, airplane, or petrol station
  — near automatic doors or a fire alarm
- This unit supports security capabilities that comply with the BLUETOOTH standard to provide a secure connection when the BLUETOOTH wireless technology is used, but security may not be enough depending on the setting. Be careful when communicating using BLUETOOTH wireless technology.
- We do not take any responsibility for the leakage of information during BLUETOOTH communication.
- Connection with all BLUETOOTH devices cannot be guaranteed.
  — A device featuring BLUETOOTH function is required to conform to the BLUETOOTH standard specified by BLUETOOTH SIG, and be authenticated.
  — Even if the connected device conforms to the above mentioned BLUETOOTH standard, some devices may not be connected or work correctly, depending on the features or specifications of the device.
  — While talking on the phone hands free, noise may occur, depending on the device or communication environment.
- Depending on the device to be connected, it may require some time to start communication.

Others

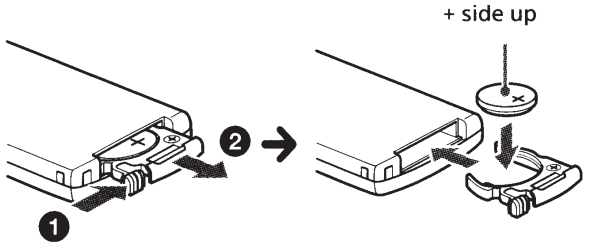
- Using the BLUETOOTH device may not function on cellular phones, depending on radio wave conditions and location where the equipment is being used.
- If you experience discomfort after using the BLUETOOTH device, stop using the BLUETOOTH device immediately. Should any problem persist, consult your nearest Sony dealer.

If you have any questions or problems concerning your unit that are not covered in this manual, consult your nearest Sony dealer.

Maintenance

Replacing the lithium battery of the remote commander

When the battery becomes weak, the range of the remote commander becomes shorter. Replace the battery with a new CR2025 lithium battery. Use of any other battery may present a risk of fire or explosion.



Notes on the lithium battery

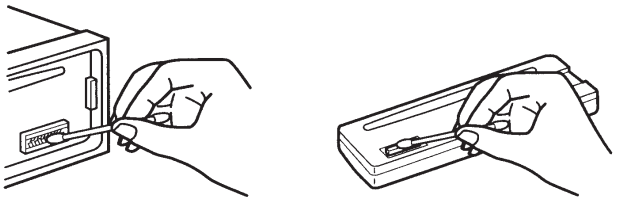
- Keep the lithium battery out of the reach of children. Should the battery be swallowed, immediately consult a doctor.
- Wipe the battery with a dry cloth to assure a good contact.
- Be sure to observe the correct polarity when installing the battery.
- Do not hold the battery with metallic tweezers, otherwise a short-circuit may occur.

WARNING

Battery may explode if mistreated.
Do not recharge, disassemble, or dispose of in fire.

Cleaning the connectors

The unit may not function properly if the connectors between the unit and the front panel are not clean. In order to prevent this, detach the front panel (page 6) and clean the connectors with a cotton swab. Do not apply too much force. Otherwise, the connectors may be damaged.



Notes

- For safety, turn off the ignition before cleaning the connectors, and remove the key from the ignition switch.
- Never touch the connectors directly with your fingers or with any metal device.

Specifications

FOR THE CUSTOMERS IN THE USA. NOT APPLICABLE IN CANADA, INCLUDING IN THE PROVINCE OF QUEBEC.

POUR LES CLIENTS AUX ÉTATS-UNIS. NON APPLICABLE AU CANADA, Y COMPRIS LA PROVINCE DE QUÉBEC.

AUDIO POWER SPECIFICATIONS

CEA2006 Standard
Power Output: 17 Watts RMS × 4 at 4 Ohms < 1% THD+N
SN Ratio: 80 dBA
(reference: 1 Watt into 4 Ohms)

Tuner section

FM

Tuning range: 87.5 – 107.9 MHz
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency: 25 kHz
Usable sensitivity: 8 dBf
Selectivity: 75 dB at 400 kHz
Signal-to-noise ratio: 80 dB (stereo)
Separation: 50 dB at 1 kHz
Frequency response: 20 – 15,000 Hz

AM

Tuning range: 530 – 1,710 kHz
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency:
9,115 kHz or 9,125 kHz/5 kHz
Sensitivity: 26 µV

CD Player section

Signal-to-noise ratio: 120 dB
Frequency response: 10 – 20,000 Hz
Wow and flutter: Below measurable limit
Corresponding codec: MP3 (.mp3) and WMA (.wma)

USB Player section

Interface: USB (High-speed)
Maximum current:
MEX-N5000BT: 1 A
MEX-GS610BT: 1 A (front), 2.1 A (rear)
The maximum number of recognizable tracks:
10,000
Corresponding codec:
MP3 (.mp3), WMA (.wma) and WAV (.wav)

Wireless Communication

Communication System:
BLUETOOTH Standard version 3.1
Output:
BLUETOOTH Standard Power Class 2
(Max. +4 dBm)

Maximum communication range:
Line of sight approx. 10 m (33 ft)*1
Frequency band:
2.4 GHz band (2.4000 – 2.4835 GHz)
Modulation method: FHSS
Compatible BLUETOOTH Profiles*2:
A2DP (Advanced Audio Distribution Profile) 1.3
AVRCP (Audio Video Remote Control Profile) 1.5
HFP (Handsfree Profile) 1.6
PBAP (Phone Book Access Profile)
SPP (Serial Port Profile)
MAP (Message Access Profile)
HID (Human Interface Device Profile)

*1 The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, reception sensitivity, antenna (aerial)'s performance, operating system, software application, etc.
*2 BLUETOOTH standard profiles indicate the purpose of BLUETOOTH communication between devices.

Power amplifier section

Output: Speaker outputs
Speaker impedance: 4 – 8 ohms
Maximum power output: 55 W × 4 (at 4 ohms)

General

Outputs:
Audio outputs terminal (front, rear, sub)
Power antenna (aerial)/Power amplifier control terminal (REM OUT)
Inputs:
SiriusXM input terminal
Remote controller input terminal
Antenna (aerial) input terminal
MIC input terminal
AUX input jack (stereo mini jack)
USB port:
MEX-N5000BT: front
MEX-GS610BT: front, rear
Power requirements: 12 V DC car battery (negative ground (earth))
Dimensions:
Approx. 178 mm × 50 mm × 177 mm (7 1/8 in × 2 in × 7 in) (w/h/d)
Mounting dimensions:
Approx. 182 mm × 53 mm × 160 mm (7 1/4 in × 2 1/8 in × 6 5/16 in) (w/h/d)
Mass: Approx. 1.2 kg (2 lb 11 oz)
Package contents:
Main unit (1)
Remote commander (1): RM-X231
Microphone (1)
Parts for installation and connections (1 set)
Optional accessories/equipment:
SiriusXM Vehicle Tuner: SXV100

Your dealer may not handle some of the above listed accessories. Please ask the dealer for detailed information.

Design and specifications are subject to change without notice.

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SiriusXM READY

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Troubleshooting

The following checklist will help you remedy problems you may encounter with your unit.
Before going through the checklist below, check the connection and operating procedures.
For details on using the fuse and removing the unit from the dashboard, refer to the installation/connections manual supplied with this unit.
If the problem is not solved, visit the support site on the back cover.

General

No power is being supplied to the unit.

→ If the unit is turned off and the display disappears, the unit cannot be operated with the remote commander.
  – Turn on the unit.

No sound.

→ The position of the fader control [FADER] is not set for a 2-speaker system.

No beep sound.

→ An optional power amplifier is connected and you are not using the built-in amplifier.

The contents of the memory have been erased.

→ The power supply lead or battery has been disconnected or not connected properly.

Stored stations and correct time are erased.
The fuse has blown.
Makes a noise when the position of the ignition is switched.

→ The leads are not matched correctly with the car's accessory power connector.

During playback or reception, the demonstration mode starts.

→ If no operation is performed for 5 minutes with [DEMO-ON] set, the demonstration mode starts.
  – Set [DEMO-OFF] (page 19).

The display disappears from/does not appear in the display window.

→ The dimmer is set to [DIM-ON] (page 19).
→ The display disappears if you press and hold OFF.
  – Press OFF on the unit until the display appears.
→ The connectors are dirty (page 22).

The operation buttons do not function.
The disc will not eject.

→ Press PTY/CAT and ↩ (back)/MODE for more than 2 seconds to reset the unit.
  The contents stored in memory are erased.
  For your safety, do not reset the unit while you are driving.

Radio reception

Stations cannot be received.
The sound is hampered by noises.

→ The connection is not correct.
  – If your car has built-in radio antenna (aerial) in the rear/side glass, connect an REM OUT lead (blue/white striped) or accessory power supply lead (red) to the power supply lead of a car's antenna (aerial) booster.
  – Check the connection of the car antenna (aerial).
  – If the auto antenna (aerial) will not extend, check the connection of the power antenna (aerial) control lead.

Preset tuning is not possible.

→ The broadcast signal is too weak.

RDS

PTY displays [- - - - - - - -].

→ The current station is not an RDS station.
→ RDS data has not been received.
→ The station does not specify the program type.

CD playback

The disc does not play back.

→ Defective or dirty disc.
→ The CD-R/CD-RW is not for audio use (page 20).

MP3/WMA files cannot be played back.

→ The disc is incompatible with the MP3/WMA format and version. For details on playable discs and formats, visit the support site.

MP3/WMA files take longer to play back than others.

→ The following discs take a longer time to start playback.
  – A disc recorded with a complicated tree structure.
  – A disc recorded in Multi Session.
  – A disc to which data can be added.

The sound skips.

→ Defective or dirty disc.

USB playback

You cannot play back items via a USB hub.

→ This unit cannot recognize USB devices via a USB hub.

A USB device takes longer to play back.

→ The USB device contains files with a complicated tree structure.

The sound is intermittent.

→ The sound may be intermittent at a high-bit-rate of more than 320 kbps.

Pandora® connection is not possible.

→ Shut down the Pandora® application on the mobile device, and then launch it again.

Application name is mismatched with the actual application in App Remote.

→ Launch the application again from the "App Remote" application.

NFC function

One touch connection (NFC) is not possible.

→ If the smartphone does not respond to the touching.
  – Check that the NFC function of the smartphone is turned on.
  – Move the N-Mark part of the smartphone closer to the N-Mark part on this unit.
  – If the smartphone is in a case, remove it.

→ NFC receiving sensitivity depends on the device. If One touch connection with the smartphone fails several times, make BLUETOOTH connection manually.

BLUETOOTH function

The connecting device cannot detect this unit.

→ Before the pairing is made, set this unit to pairing standby mode.

→ While connected to a BLUETOOTH device, this unit cannot be detected from another device.
  – Disconnect the current connection and search for this unit from another device.

→ When the device pairing is made, set the BLUETOOTH signal output to on (page 7).

Connection is not possible.

→ The connection is controlled from one side (this unit or BLUETOOTH device), but not both.
  – Connect to this unit from a BLUETOOTH device or vice versa.

The name of the detected device does not appear.

→ Depending on the status of the other device, it may not be possible to obtain the name.

No ringtone.

→ Adjust the volume by rotating the control dial while receiving a call.

→ Depending on the connecting device, the ringtone may not be sent properly.
  – Set [RINGTONE] to [1] (page 19).

→ The front speakers are not connected to the unit.
  – Connect the front speakers to the unit. The ringtone is output only from the front speakers.

The talker's voice cannot be heard.

→ The front speakers are not connected to the unit.
  – Connect the front speakers to the unit. The talker's voice is output only from the front speakers.

A call partner says that the volume is too low or high.

→ Adjust the volume accordingly using mic gain adjustment (page 15).

Echo or noise occurs in phone call conversations.

→ Lower the volume.

→ Set EC/NC Mode to [EC/NC-1] or [EC/NC-2] (page 15).

→ If the ambient noise other than the phone call sound is loud, try reducing this noise.
E.g.: If a window is open and road noise, etc., is loud, shut the window. If an air conditioner is loud, lower the air conditioner.

The phone is not connected.

→ When BLUETOOTH audio is played, the phone is not connected even if you press CALL.
  – Connect from the phone.

The phone sound quality is poor.

→ Phone sound quality depends on reception conditions of cellular phone.
  – Move your car to a place where you can enhance the cellular phone's signal if the reception is poor.

The volume of the connected audio device is low (high).

→ Volume level will differ depending on the audio device.
  – Adjust the volume of the connected audio device or this unit.

The sound skips during playback of a BLUETOOTH audio device.

→ Reduce the distance between the unit and the BLUETOOTH audio device.

→ If the BLUETOOTH audio device is stored in a case which interrupts the signal, remove the audio device from the case during use.

→ Several BLUETOOTH devices or other devices which emit radio waves are in use nearby.
  – Turn off the other devices.
  – Increase the distance from the other devices.

→ The playback sound stops momentarily when the connection between this unit and the cellular phone is being made. This is not a malfunction.

The connected BLUETOOTH audio device cannot be controlled.

→ Check that the connected BLUETOOTH audio device supports AVRCP.

Some functions do not work.
→ Check if the connecting device supports the functions in question.

A call is answered unintentionally.
→ The connecting phone is set to answer a call automatically.

Pairing failed due to time out.
→ Depending on the connecting device, the time limit for pairing may be short.
– Try completing the pairing within the time.

BLUETOOTH function cannot operate.
→ Turn off the unit by pressing OFF for more than 2 seconds, then turn the unit on again.

No sound is output from the car speakers during handsfree call.
→ If the sound is output from the cellular phone, set the cellular phone to output the sound from the car speakers.

Pandora® connection is not possible.
→ Shut down the Pandora® application on the mobile device, and then launch again.

Application name is mismatched with the actual application in App Remote.
→ Launch the application again from the "App Remote" application.

While running the "App Remote" application via BLUETOOTH, the display automatically switches to [BT AUDIO].
→ The "App Remote" application or BLUETOOTH function has failed.
– Run the application again.

Error displays/Messages

ERROR
→ The disc is dirty or inserted upside down.
– Clean or insert the disc correctly.
→ A blank disc has been inserted.
→ The disc cannot play due to a problem.
– Insert another disc.
→ USB device was not automatically recognized.
– Connect it again.
→ Press ⏏ to remove the disc.

HUB NO SUPRT (hubs not supported)
→ USB hub is not supported on this unit.

IPD STOP (iPod stop)
→ When repeat play is not set, playback of the last track in album finished.
The music application in the iPod/iPhone is terminated.
– Press PAUSE to start playback again.

NO DEV (no device)
→ [USB] is selected as source without a USB device connected. A USB device or a USB cable has been disconnected during playback.
– Be sure to connect a USB device and USB cable.

NO MUSIC
→ The disc or USB device does not contain a music file.
– Insert a music CD.
– Connect a USB device with a music file in it.

OVERLOAD
→ USB device is overloaded.
– Disconnect the USB device, then change the source by pressing SRC.
– The USB device has a fault, or an unsupported device is connected.

PUSH EJT (push eject)
→ The disc cannot be ejected.
– Press ⏏ (eject).

READ
→ The unit is reading all track and album information on the disc.
– Wait until reading is complete and playback starts automatically. Depending on the disc structure, it may take more than a minute.

USB NO SUPRT (USB not supported)
→ The connected USB device is not supported.
– For details on the compatibility of your USB device, visit the support site.

[ ] or [ ]
→ During reverse or fast-forward, you have reached the beginning or the end of the disc and you cannot go any further.

[ ]
→ The character cannot be displayed.

For BLUETOOTH function:

BT BUSY (BLUETOOTH busy)
→ The phonebook and the call history of the cellular phone are not accessible from this unit.
– Wait for a while, and then try again.

ERROR
→ BT Initialize failed.
→ Phonebook access failed.
→ Phonebook content was changed while accessing the cellular phone.
– Access the phonebook in the cellular phone again.

MEM FAILURE (memory failure)
→ This unit failed to store the contact in the preset dial.
– Make sure that the number you intend to store is correct (page 14).

MEMORY BUSY
→ This unit is storing data.
– Wait until storing has finished.

NO DEV (no device)
→ BLUETOOTH audio source is selected without a BLUETOOTH audio device connected. A BLUETOOTH audio device has been disconnected during a call.
– Be sure to connect a BLUETOOTH audio device.
→ BLUETOOTH phone source is selected without a cellular phone connected. A cellular phone has been disconnected during a call.
– Be sure to connect a cellular phone.

P EMPTY (preset number empty)
→ The preset dial is empty.

UNKNOWN
→ Name or phone number cannot be displayed when browsing phonebook or call history.

WITHHELD
→ Phone number is hidden by caller.

For App Remote operation:

APP -------- (application)
→ Connection with the application is not made.
– Establish iPhone connection again.

APP DISCNCT (application disconnected)
→ App Remote connection is not made.
– Establish the App Remote connection (page 16).

APP MENU (application menu)
→ Button operation cannot be performed while a menu on iPhone/Android phone is open.
– Exit the menu on iPhone/Android phone.

APP NO DEV (application no device)
→ The device with the application installed is not connected.
– Connect the device, then establish iPhone connection.

APP SOUND (application sound)
→ Button operation cannot be performed while a sound menu on iPhone/Android phone is open.
– Exit the sound menu on iPhone/Android phone.

OPEN APP (open application)
→ The "App Remote" application is not running.
– Launch the iPhone's application.

For Pandora® operation:

CANNOT SKIP
→ Skipping tracks on Pandora® is not allowed.
– Wait until the commercial ends.
– Pandora® limits the number of skips allowed on their service. Wait until the next track begins, or select another station on the list.

ERROR
→ "Thumbs" feedback failed.
– Try "Thumbs Up/Down" again.
→ Bookmarking failed.
– Try bookmarking again.

NO STATION
→ There is no station on your Pandora® account.
– Create the station on the mobile device.

NOT ALLOWED
→ "Thumbs" feedback is not allowed.
– Wait until the commercial ends.
– Some functions, such as Shared Station, do not permit feedback. Wait until the next track begins, or select another station on the list.
→ Bookmark is not allowed.
– Wait until the commercial ends.
– Select another track or station, then try it again.

OPEN APP (open application)
When connecting via the USB port.
→ Pandora® does not launch.
– Launch the Pandora® application on the iPhone.

OPEN APP (open application)**, PRESS PAUSE**
When connecting via the BLUETOOTH function.
→ Pandora® does not launch.
– Launch the Pandora® application on the mobile device, then press PAUSE.

PAN NO SUPRT (Pandora® not supported)
→ The connected device is not supported.
– For details of compatible devices, visit the support site.

PAN RESTRICT (Pandora® licensing restriction)
→ Pandora® is not available outside your country.

PLEASE LOGIN, PANDORA APP (Pandora® application)
→ Not logged into your Pandora® account.
– Disconnect the device, and log into your Pandora® account, then connect the device again.

--:--

→ Network connection is unstable or lost.
  – Make the network connection again on the device.
  – Wait until the network connection is established.

For SiriusXM operation:

CH LOCKED (channel locked)

→ The selected channel is locked by the parental control function. Enter the passcode to unlock the channel.

CH UNAVAIL (channel unavailable)

→ The selected channel is not available.
→ The active channel has become unavailable.

CHAN UNSUB (channel unsubscribed)

→ There is no subscription to the selected channel.
→ The subscription to the active channel has been terminated.

CHK ANT (check antenna)

→ The antenna (aerial) is not being used properly.
  – Make sure the antenna (aerial) is connected and being used properly.

CHECK TUNER (check tuner)

→ The SiriusXM Vehicle Tuner is not functioning properly.
  – Disconnect the SiriusXM Vehicle Tuner, and connect it again.

MEM FAILURE (memory failure)

→ This unit failed to store the channel in the preset dial.
  – Make sure that the channel you intend to store is correct.

SUBSCRIPTION UPDATED - ENTER TO CONTINUE

→ Your subscription has been updated.
  – Press ENTER.

If these solutions do not help improve the situation, consult your nearest Sony dealer.
If you take the unit to be repaired because of CD playback trouble, bring the disc that was used at the time the problem began.

Support site

If you have any questions or for the latest support information on this product, please visit the web site below:

Site d'assistance

Si vous avez des questions ou si vous souhaitez consulter les toutes dernières informations techniques sur ce produit, rendez-vous sur le site Web suivant :

http://esupport.sony.com
http://www.sony.com/caraudio

If you have any questions/problems regarding this product, try the following:

1 **Read Troubleshooting in these Operating Instructions.**

2 **Please contact (U.S.A. only);**

Call **1-800-222-7669**
URL **http://www.SONY.com**

http://www.sony.net/

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* 4 4 8 0 6 5 7 1 1 * (1)

SONY

4-480-658-**11**(1)

Bluetooth® Audio System

Installation/Connections GB

Installation/Connexions FR

* 4 4 8 0 6 5 8 1 1 * (1)

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MEX-N5000BT/MEX-GS610BT

English

Cautions

Be sure to install this unit in the dashboard of the car as the rear side of the unit becomes hot during use.

- This unit is designed for negative ground (earth) 12 V DC operation only.
- Do not get the leads under a screw, or caught in moving parts (e.g. seat railing).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the **yellow** and **red** power supply leads only after all other leads have been connected.
- **Run all ground (earth) leads to a common ground (earth) point.**
- Be sure to insulate any loose unconnected leads with electrical tape for safety.
- The use of optical instruments with this product will increase eye hazard.

Notes on the power supply lead (yellow)

- When connecting this unit in combination with other stereo components, the connected car circuit's rating must be higher than the sum of each component's fuse.
- When no car circuits are rated high enough, connect the unit directly to the battery.

Parts list (1)

- The numbers in the list are keyed to those in the instructions.
- The bracket ① and the protection collar ④ are attached to the unit before shipping. Before mounting the unit, use the release keys ③ to remove the bracket ① from the unit. For details, see "Removing the protection collar and the bracket (4)" on the reverse side of the sheet.
- **Keep the release keys ③ for future use as they are also necessary if you remove the unit from your car.**

Caution

Handle the bracket ① carefully to avoid injuring your fingers.

Connection example (2)

Subwoofer Easy Connection (2-C)

You can use a subwoofer without a power amplifier when it is connected to a rear speaker cord.

*1 MEX-GS610BT only (2-A)
*2 not supplied (2-B)
*3 Do not connect a speaker in this connection (2-C).

Notes

- Be sure to connect the ground (earth) lead before connecting the amplifier (2-A).
- The alarm will only sound if the built-in amplifier is used (2-A).
- Be sure to connect a 4 - 8 ohm subwoofer. Do not connect a speaker to the other rear speaker cord (2-C).

Connection diagram (3)

❶ To a metal surface of the car

First connect the black ground (earth) lead, then connect the yellow and red power supply leads.

❷ To the power antenna (aerial) control lead or power supply lead of antenna (aerial) booster

Notes

- It is not necessary to connect this lead if there is no power antenna (aerial) or antenna (aerial) booster, or with a manually-operated telescopic antenna (aerial).
- When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."

To AMP REMOTE IN of an optional power amplifier

This connection is only for amplifiers and a power antenna (aerial). Connecting any other system may damage the unit.

❸ To a car's illumination signal

Be sure to connect the black ground (earth) lead to a metal surface of the car first.

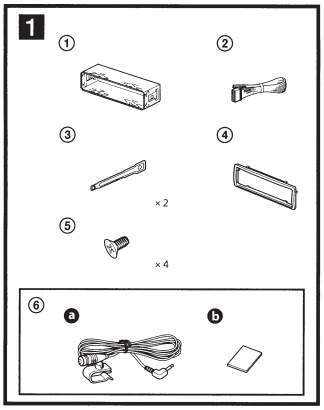
❹ To the +12 V power terminal which is energized in the accessory position of the ignition switch

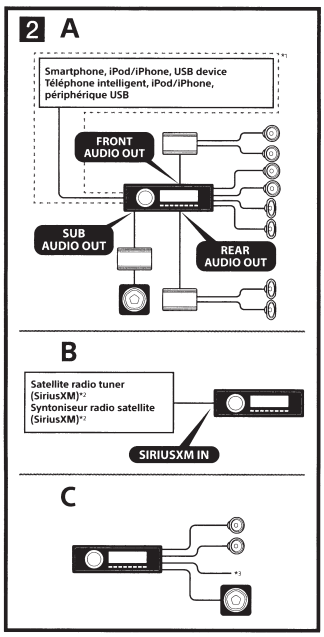
Notes

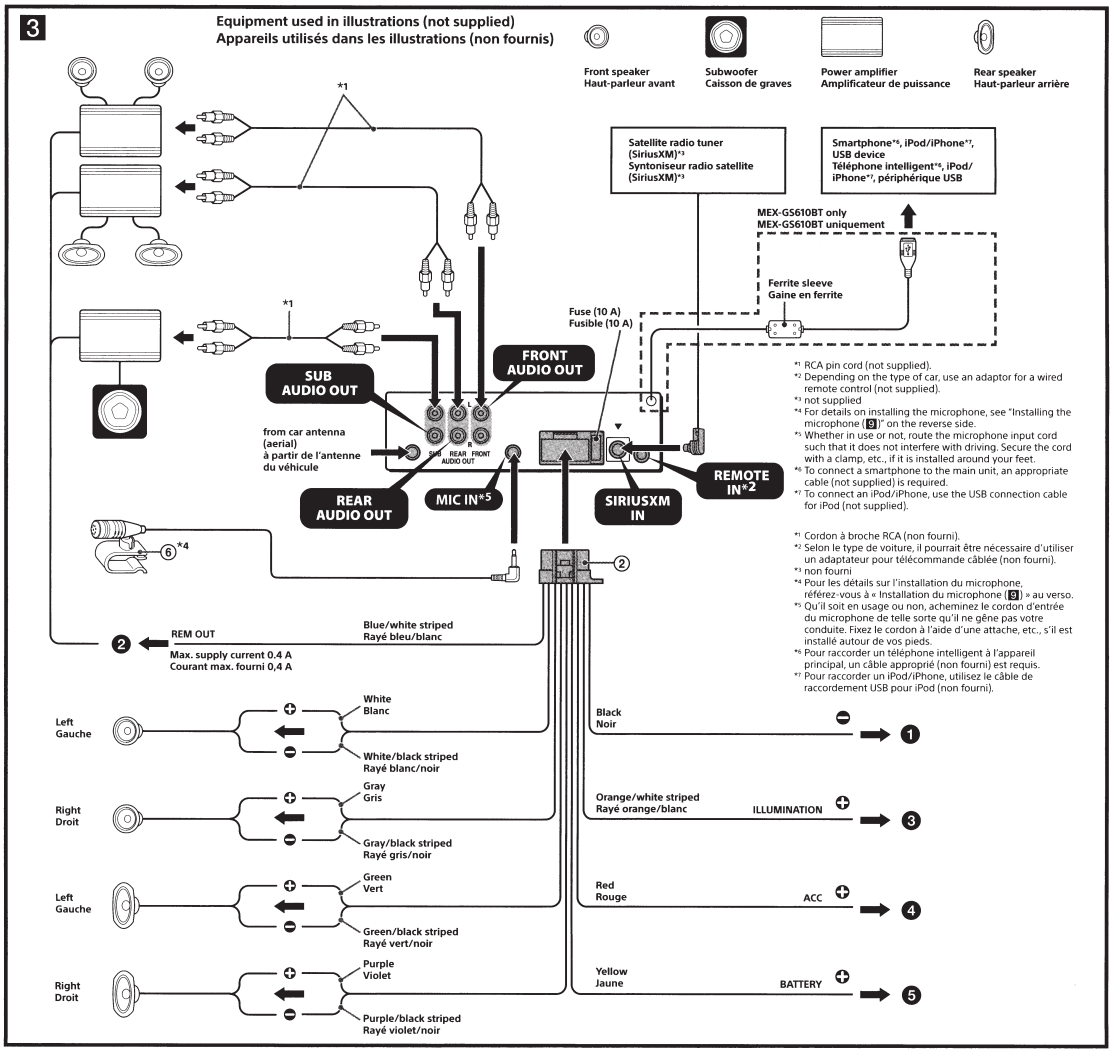
- If there is no accessory position, connect to the +12 V power (battery) terminal which is energized at all times.
  Be sure to connect the black ground (earth) lead to a metal surface of the car first.
- When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."

❺ To the +12 V power terminal which is energized at all times

Be sure to connect the black ground (earth) lead to a metal surface of the car first.






3
Equipment used in illustrations (not supplied)
Appareils utilisés dans les illustrations (non fournis)
Front speaker
Haut-parleur avant
Subwoofer
Caisson de graves
Power amplifier
Amplificateur de puissance
Rear speaker
Haut-parleur arrière
Satellite radio tuner (SiriusXM)*3
Syntoniseur radio satellite (SiriusXM)*3
Smartphone*4, iPod/iPhone*7, USB device
Téléphone intelligent*4, iPod/iPhone*7, périphérique USB
MEX-GS610BT only
MEX-GS610BT uniquement
Ferrite sleeve
Gaine en ferrite
Fuse (10 A)
Fusible (10 A)
FRONT AUDIO OUT
SUB AUDIO OUT
from car antenna (aerial)
à partir de l'antenne du véhicule
REAR AUDIO OUT
MIC IN*5
SIRIUSXM IN
REMOTE IN*2
REM OUT
Max. supply current 0.4 A
Courant max. fourni 0,4 A
Blue/white striped
Rayé bleu/blanc
Left
Gauche
White
Blanc
White/black striped
Rayé blanc/noir
Right
Droit
Gray
Gris
Gray/black striped
Rayé gris/noir
Green
Vert
Green/black striped
Rayé vert/noir
Purple
Violet
Purple/black striped
Rayé violet/noir
Black
Noir
Orange/white striped
Rayé orange/blanc
ILLUMINATION
Red
Rouge
ACC
Yellow
Jaune
BATTERY
*1 RCA pin cord (not supplied).
*2 Depending on the type of car, use an adaptor for a wired remote control (not supplied).
*3 not supplied
*4 For details on installing the microphone, see "Installing the microphone (9)" on the reverse side.
*5 Whether in use or not, route the microphone input cord such that it does not interfere with driving. Secure the cord with a clamp, etc., if it is installed around your feet.
*6 To connect a smartphone to the main unit, an appropriate cable (not supplied) is required.
*7 To connect an iPod/iPhone, use the USB connection cable for iPod (not supplied).
*1 Cordon à broche RCA (non fourni).
*2 Selon le type de voiture, il pourrait être nécessaire d'utiliser un adaptateur pour télécommande câblée (non fourni).
*3 non fourni
*4 Pour les détails sur l'installation du microphone, référez-vous à « Installation du microphone (9) » au verso.
*5 Qu'il soit en usage ou non, acheminez le cordon d'entrée du microphone de telle sorte qu'il ne gêne pas votre conduite. Fixez le cordon à l'aide d'une attache, etc., s'il est installé autour de vos pieds.
*6 Pour raccorder un téléphone intelligent à l'appareil principal, un câble approprié (non fourni) est requis.
*7 Pour raccorder un iPod/iPhone, utilisez le câble de raccordement USB pour iPod (non fourni).

Notes on the control and power supply leads
- REM OUT lead (blue/white striped) supplies +12 V DC when you turn on the unit.
- When your car has built-in FM/AM antenna (aerial) in the rear/side glass, connect REM OUT lead (blue/white striped) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.
- A power antenna (aerial) without a relay box cannot be used with this unit.

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Notes on speaker connection
- Before connecting the speakers, turn the unit off.
- Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.
- Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.
- Do not connect the ground (earth) lead of this unit to the negative (–) terminal of the speaker.
- Do not attempt to connect the speakers in parallel.
- Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.
- To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.
- Do not connect the unit's speaker leads to each other.

Français

Mises en garde

Installez cet appareil sur le tableau de bord de la voiture, car l'arrière de l'appareil chauffe en cours d'utilisation.

- Cet appareil est exclusivement conçu pour fonctionner sur une tension de 12 V CC avec masse négative.
- Évitez de fixer des vis sur les câbles ou de coincer ceux-ci dans des pièces mobiles (par exemple, armature de siège).
- Avant d'effectuer les raccordements, coupez le moteur pour éviter un court-circuit.
- Raccordez les câbles d'alimentation **jaune** et **rouge** seulement après avoir terminé tous les autres raccordements.
- **Rassemblez tous les câbles de mise à la masse en un point de masse commun.**
- Pour des raisons de sécurité, veillez à isoler avec du ruban isolant tout câble libre non raccordé.
- L'utilisation d'instruments optiques avec ce produit augmente les risques pour les yeux.

Remarques sur le câble d'alimentation (jaune)
- Lorsque cet appareil est raccordé à d'autres éléments stéréo, la valeur nominale du circuit de la voiture raccordé doit être supérieure à la somme des fusibles de chaque élément.
- Si aucun circuit de la voiture n'est assez puissant, raccordez directement l'appareil à la batterie.

Liste des composants (1)

- Les numéros de la liste correspondent à ceux des instructions.
- Le support ① et le tour de protection ④ sont fixés à l'appareil en usine. Avant le montage de l'appareil, utilisez les clés de déblocage ③ pour détacher le support ① de l'appareil. Pour de plus amples informations, reportez-vous à la section « Retrait du tour de protection et du support (4) » au verso.
- **Conservez les clés de déblocage ③ pour une utilisation ultérieure car vous en aurez également besoin pour retirer l'appareil de votre véhicule.**

Attention
Manipulez le support ① avec soin pour éviter de vous blesser aux doigts.

Exemple de raccordement (2)

Raccordement facile d'un caisson de graves (2-C)
Vous pouvez utiliser un caisson de graves sans amplificateur de puissance lorsque vous effectuez le raccordement à un cordon de haut-parleur arrière.

*1 MEX-GS610BT uniquement (2-A)
*2 non fourni (2-B)
*3 Ne raccordez pas un haut-parleur avec cette connexion (2-C).

Remarques
- Raccordez d'abord le câble de mise à la masse avant de raccorder l'amplificateur (2-A).
- L'alarme est émise uniquement lorsque l'amplificateur intégré est utilisé (2-A).
- Assurez-vous de raccorder un caisson de graves de 4 - 8 ohms. Ne raccordez pas de haut-parleur à l'autre cordon de haut-parleur arrière (2-C).

Schéma de raccordement (3)

① À un point métallique de la voiture
Branchez d'abord le câble de mise à la masse noir et, ensuite, les câbles d'alimentation jaune et rouge.

② Au câble de commande d'antenne électrique ou au câble d'alimentation de l'amplificateur d'antenne

Remarques
- Il n'est pas nécessaire de raccorder ce câble s'il n'y a pas d'antenne électrique ni d'amplificateur d'antenne, ou avec une antenne télescopique manuelle.
- Si votre voiture est équipée d'une antenne FM/AM intégrée dans la vitre arrière/latérale, voir « Remarques sur les câbles de commande et d'alimentation ».

Au niveau de AMP REMOTE IN de l'amplificateur de puissance en option
Ce raccordement s'applique uniquement aux amplificateurs et à une antenne électrique. Le branchement de tout autre système risque d'endommager l'appareil.

③ Vers le connecteur du signal d'éclairage de la voiture
Raccordez d'abord le câble de mise à la masse noir à un point métallique du véhicule.

④ À la borne d'alimentation +12 V qui est alimentée quand la clé de contact est sur la position accessoires

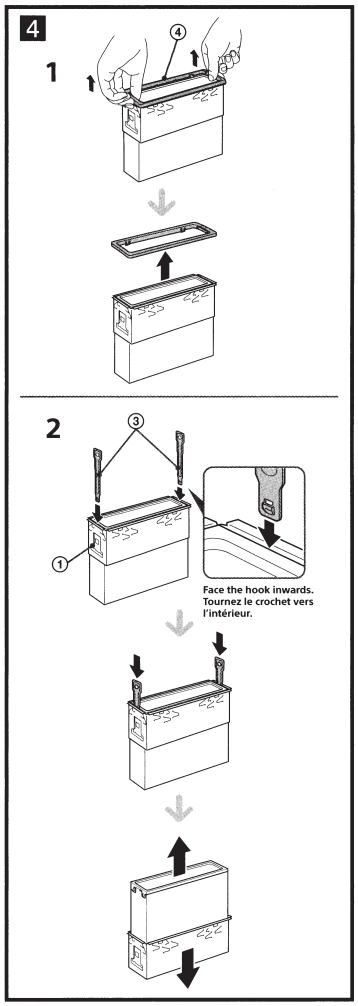
Remarques
- S'il n'y a pas de position accessoires, raccordez la borne d'alimentation (batterie) +12 V qui est alimentée en permanence.
  Raccordez d'abord le câble de mise à la masse noir à un point métallique du véhicule.
- Si votre voiture est équipée d'une antenne FM/AM intégrée dans la vitre arrière/latérale, voir « Remarques sur les câbles de commande et d'alimentation ».

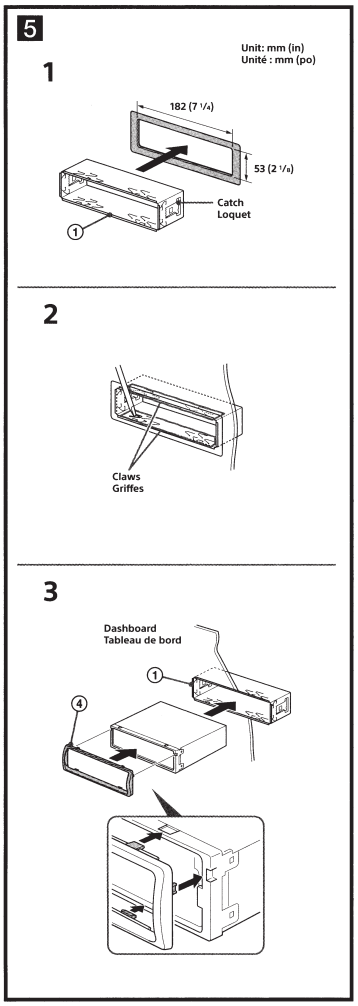
⑤ À la borne d'alimentation +12 V qui est alimentée en permanence
Raccordez d'abord le câble de mise à la masse noir à un point métallique du véhicule.

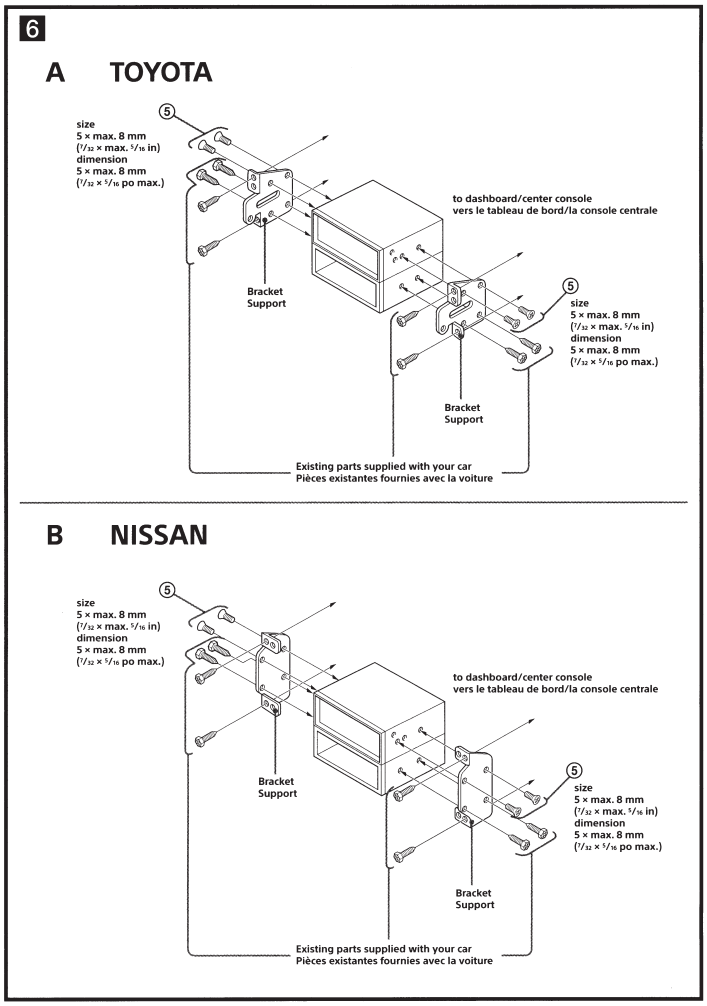
Remarques sur les câbles de commande et d'alimentation
- Le câble REM OUT (rayé bleu/blanc) fournit une alimentation de +12 V CC lorsque vous mettez l'appareil en marche.
- Lorsque votre voiture est équipée d'une antenne FM/AM intégrée dans la vitre arrière/latérale, raccordez le câble REM OUT (rayé bleu/blanc) ou le câble d'alimentation des accessoires (rouge) à la borne d'alimentation de l'amplificateur d'antenne existant. Pour plus de détails, consultez votre détaillant.
- Une antenne électrique sans boîtier de relais ne peut pas être utilisée avec cet appareil.

Raccordement pour la conservation de la mémoire
Lorsque le câble d'alimentation jaune est raccordé, le circuit de la mémoire est alimenté en permanence même si la clé de contact est sur la position d'arrêt.

Remarques sur le raccordement des haut-parleurs
- Avant de raccorder les haut-parleurs, éteignez l'appareil.
- Utilisez des haut-parleurs ayant une impédance de 4 à 8 ohms avec une capacité électrique adéquate pour éviter de les endommager.
- Ne raccordez pas les bornes du système de haut-parleurs au châssis de la voiture et ne raccordez pas les bornes du haut-parleur droit à celles du haut-parleur gauche.
- Ne raccordez pas le câble de mise à la masse de cet appareil à la borne négative (–) du haut-parleur.
- N'essayez pas de raccorder les haut-parleurs en parallèle.
- Raccordez uniquement des haut-parleurs passifs. Le raccordement de haut-parleurs actifs (avec amplificateurs intégrés) aux bornes des haut-parleurs peut endommager l'appareil.
- Pour éviter tout problème de fonctionnement, n'utilisez pas les câbles des haut-parleurs intégrés installés dans votre voiture si l'appareil possède un câble négatif commun (–) pour les haut-parleurs droit et gauche.
- Ne raccordez pas entre eux les câbles des haut-parleurs de l'appareil.







English

Precautions

- Choose the installation location carefully so that the unit will not interfere with normal driving operations.
- Avoid installing the unit in areas subject to dust, dirt, excessive vibration, or high temperatures, such as in direct sunlight or near heater ducts.
- Use only the supplied mounting hardware for a safe and secure installation.

Mounting angle adjustment

Adjust the mounting angle to less than 45°.

Removing the protection collar and the bracket (4)

Before installing the unit, remove the protection collar ④ and the bracket ① from the unit.

1 **Remove the protection collar ④.**
Pinch both edges of the protection collar ④, then pull it out.

2 **Remove the bracket ①.**
❶ Insert both release keys ③ together between the unit and the bracket ① until they click.
❷ Pull down the bracket ①, then pull up the unit to separate.

Mounting example (5)

Installation in the dashboard

Notes
- Before installing, make sure that the catches on both sides of the bracket ① are bent inwards 2 mm (7/32 in). If the catches are straight or bent outwards, the unit will not be installed securely and may spring out (5-1).
- Bend these claws outward for a tight fit, if necessary (5-2).
- Make sure that the 4 catches on the protection collar ④ are properly engaged in the slots of the unit (5-3).

Mounting the unit in a Japanese car (6)

You may not be able to install this unit in some makes of Japanese cars. In such a case, consult your Sony dealer.

Note
To prevent malfunction, install only with the supplied screws ⑤.

How to detach and attach the front panel (7)

Before installing the unit, detach the front panel.

7-A To detach

Before detaching the front panel, be sure to press and hold OFF. Press the front panel release button, and pull it off towards you.

7-B To attach

Engage part Ⓐ of the front panel with part Ⓑ of the unit, as illustrated, and push the left side into position until it clicks.

Warning if your car's ignition has no ACC position

Be sure to set the Auto Off function. For details, see the supplied Operating Instructions.
The unit will shut off completely and automatically in the set time after the unit is turned off, which prevents battery drain.
If you do not set the Auto Off function, press and hold OFF until the display disappears each time you turn the ignition off.

Fuse replacement (8)

When replacing the fuse, be sure to use one matching the amperage rating stated on the original fuse. If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after replacement, there may be an internal malfunction. In such a case, consult your nearest Sony dealer.

Installing the microphone (9)

To capture your voice during handsfree calling, you need to install the microphone ⑥.

Cautions
- Keep the microphone away from extremely high temperatures and humidity.
- It is extremely dangerous if the cord becomes wound around the steering column or gearstick. Be sure to keep it and other parts from obstructing your driving.
- If airbags or any other shock-absorbing equipment is in your car, contact the store where you purchased this unit, or the car dealer, before installation.

9-A Installing on the sun visor

Install clips (not supplied) and adjust the length and position of the cord so that it does not obstruct your driving.

9-B Installing on the dashboard

Install a clip (not supplied) and adjust the length and position of the cord so that it does not obstruct your driving.

Notes
- Before attaching the double-sided tape ⓑ, clean the surface of the dashboard with a dry cloth.
- Adjust the microphone angle to the proper position.

Français

Précautions

- Choisissez soigneusement l'emplacement d'installation pour que l'appareil ne gêne pas le conducteur pendant la conduite.
- Évitez d'installer l'appareil dans un endroit exposé à la poussière, à la saleté, à des vibrations excessives ou à des températures élevées comme en plein soleil ou à proximité de conduits de chauffage.
- Pour garantir un montage sûr, n'utilisez que le matériel fourni.

Réglage de l'angle de montage

Réglez l'inclinaison à un angle inférieur à 45°.

Retrait du tour de protection et du support (4)

Avant d'installer l'appareil, retirez le tour de protection ④ et le support ① de l'appareil.

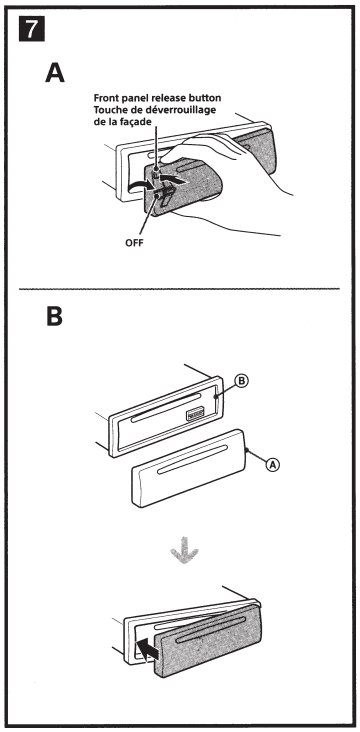
1 **Retirez le tour de protection ④.**
Pincez les deux bords du tour de protection ④, puis sortez-le.

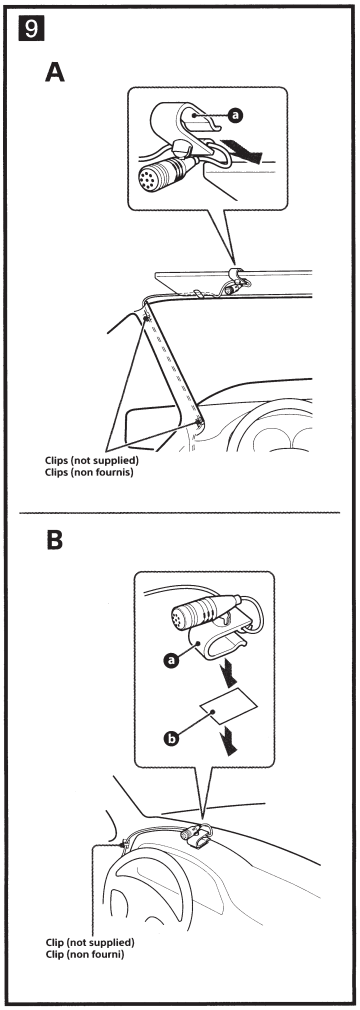
2 **Retirez le support ①.**
❶ Insérez les clés de déblocage ③ en même temps entre l'appareil et le support ① jusqu'au déclic.
❷ Tirez le support ① vers le bas, puis tirez sur l'appareil vers le haut pour les séparer.

Exemple de montage (5)

Installation dans le tableau de bord

Remarques
- Avant l'installation, assurez-vous que les loquets des deux côtés du support ① sont bien pliés de 2 mm (7/32 po) vers l'intérieur. Si les loquets sont droits ou pliés vers l'extérieur, l'appareil ne peut pas être fixé solidement et peut se détacher (5-1).
- Si nécessaire, pliez ces griffes vers l'extérieur pour assurer une prise correcte (5-2).
- Assurez-vous que les 4 loquets situés sur le tour de protection ④ sont correctement engagés dans les fentes de l'appareil (5-3).





Montage de l'appareil dans une voiture japonaise (6)

Cet appareil ne peut pas être installé dans certaines voitures japonaises. Consultez, dans ce cas, votre détaillant Sony.

Remarque
Pour éviter tout problème de fonctionnement, utilisez uniquement les vis Ⓑ fournies pour le montage.

Retrait et fixation de la façade (7)

Avant d'installer l'appareil, retirez la façade.

7-A Pour la retirer

Avant de retirer la façade, n'oubliez pas de maintenir enfoncée la touche OFF. Appuyez sur la touche de déverrouillage de la façade, puis faites glisser la façade vers vous.

7-B Pour la fixer

Engagez la partie Ⓐ de la façade dans la partie Ⓑ de l'appareil, comme illustré, puis appuyez sur le côté gauche jusqu'au déclic indiquant que la façade est en position.

Avertissement si le contact de votre véhicule ne comporte pas de position ACC

Veillez à régler la fonction Auto Off. Pour obtenir davantage d'informations, reportez-vous au mode d'emploi fourni.
L'appareil s'éteint complètement et automatiquement après le laps de temps choisi une fois l'appareil arrêté afin d'éviter que la batterie ne se décharge.
Si vous ne réglez pas la fonction Auto Off, appuyez sur la touche OFF et maintenez-la enfoncée jusqu'à ce que l'affichage disparaisse à chaque fois que vous coupez le contact.

Remplacement du fusible (8)

Lorsque vous remplacez le fusible, veillez à utiliser un fusible dont l'intensité, en ampères, correspond à la valeur indiquée sur le fusible usagé. Si le fusible grille, vérifiez le branchement de l'alimentation et remplacez le fusible. Si le nouveau fusible grille également, il est possible que l'appareil soit défectueux. Dans ce cas, consultez votre détaillant Sony le plus proche.

Installation du microphone (9)

Pour capturer votre voix durant les appels mains libres, vous devez installer le microphone Ⓔ.

Mises en garde
- N'exposez pas le microphone à des températures extrêmement élevées et à l'humidité.
- Veillez à ce que le cordon ne soit pas enroulé autour du volant ou du levier de vitesses. Ceci peut s'avérer extrêmement dangereux. Veillez à ce que le cordon et les autres pièces ne gênent pas votre conduite.
- Si un système de coussins de sécurité gonflables ou tout autre équipement absorbant les chocs est présent dans votre véhicule, contactez le magasin où vous avez acheté cet appareil ou votre concessionnaire avant l'installation.

9-A Fixation sur le pare-soleil

Installez les clips (non fournis) et ajustez la longueur et la position du cordon de façon à ce qu'il ne gêne pas la conduite.

9-B Fixation sur le tableau de bord

Installez un clip (non fourni) et ajustez la longueur et la position du cordon de façon à ce qu'il ne gêne pas la conduite.

Remarques
- Avant de fixer l'adhésif double face ⓑ, nettoyez la surface du tableau de bord avec un chiffon sec.
- Réglez l'angle du microphone afin de le positionner correctement.

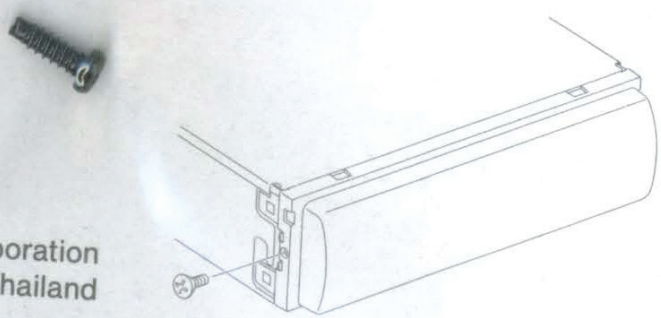
SONY®

4-467-585-01

For Dealers

For display purposes it is necessary to secure the front panel to the unit as shown below.

Secure the screw on the left side of the unit.



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SONY

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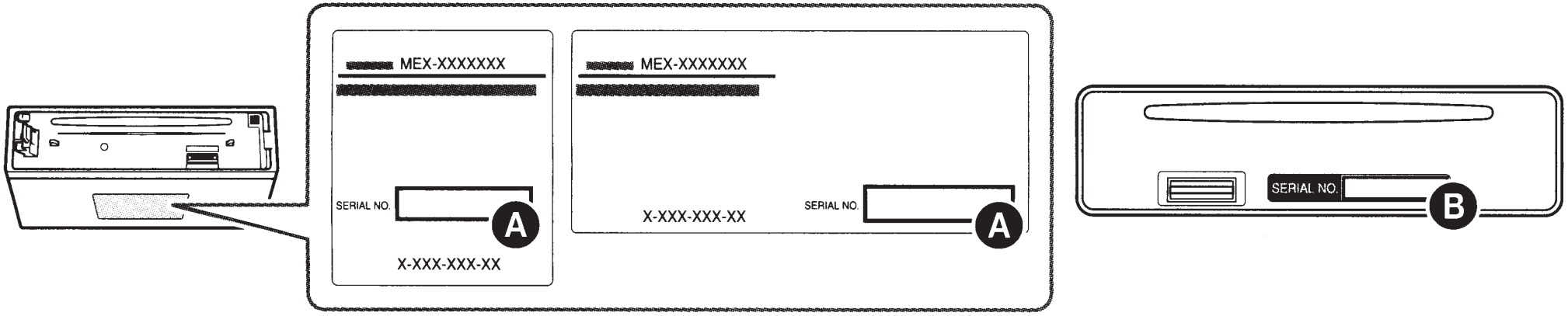

English

IMPORTANT NOTICE FOR DEALER:

MAKE SURE THE SERIAL NUMBERS ON THE BOTTOM OF THE UNIT Ⓐ AND THE REAR OF THE FRONT PANEL Ⓑ ARE IDENTICAL.
OTHERWISE THE NFC FUNCTION OF THIS UNIT WILL NOT WORK.

Français

AVIS IMPORTANT POUR LE REVENDEUR :

ASSUREZ-VOUS QUE LES NUMÉROS DE SÉRIE INDIQUÉS SOUS L'APPAREIL Ⓐ ET A L'ARRIÈRE DE LA FAÇADE Ⓑ SONT IDENTIQUES.
SINON, LA FONCTION NFC DE CET APPAREIL NE POURRA PAS FONCTIONNER.

Deutsch

WICHTIGER HINWEIS FÜR HÄNDLER:

ACHTEN SIE DARAUF, DASS DIE SERIENNUMMERN AN DER UNTERSEITE DES GERÄTS Ⓐ UND AN DER RÜCKSEITE DER FRONTPLATTE Ⓑ ÜBEREINSTIMMEN.
ANDERNFALLS FUNKTIONIERT DIE NFC-FUNKTION DIESES GERÄTS NICHT.

Italiano

NOTA IMPORTANTE PER IL RIVENDITORE:

ASSICURARSI CHE IL NUMERO DI SERIE RIPORTATO SULLA PARTE INFERIORE DELL'UNITÀ Ⓐ SIA IDENTICO A QUELLO RIPORTATO SUL RETRO DEL PANNELLO ANTERIORE Ⓑ.
IN CASO CONTRARIO, LA FUNZIONE NFC DELL'UNITÀ NON SARÀ ATTIVA.

Nederlands

BELANGRIJKE KENNISGEVING VOOR VERDELER:

GA NA OF DE SERIENUMMERS OP DE ONDERKANT VAN HET APPARAAT Ⓐ EN OP DE ACHTERKANT VAN HET VOORPANEEL Ⓑ IDENTIEK ZIJN.
IS DIT NIET HET GEVAL, DAN ZAL DE NFC-FUNCTIE VAN DIT APPARAAT NIET WERKEN.

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* 4 4 8 5 2 2 3 1 1 * (1)

SONY

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La période de garantie est la suivante :
Main-d'œuvre et pièces : UN an à compter de la date d'achat originelle au détail.

Conditions :

Modifications, réparations, abus non autorisés, etc. :
La présente garantie limitée est nulle si : (i) l'unité a été altérée, modifiée ou installée aux fins d'usage commercial, ou réparée ou entretenue par une personne autre qu'un centre de réparation autorisé par Sony afin d'effectuer de tels services. (ii) le numéro de série de l'unité a été altéré ou retiré, ou (iii) l'unité a subi un accident, un mauvais usage, un abus ou a été utilisée pour un usage contraire aux directives du mode d'emploi. L'opinion de Sony à cet effet est sans appel.

Usage commercial ou location :
Ce produit n'est pas conçu pour usage commercial ou location. Advenant que cette unité soit utilisée à des fins commerciales ou comme unité en location, la période de garantie limitée pour les pièces et la main-d'œuvre est réduite à 90 jours après la date d'achat originelle. L'opinion de Sony à cet effet est sans appel.

Exclusions :
La présente garantie limitée exclut les armoires, accessoires ou piles brisés ou endommagés; les antennes et stylets exposés, ou la défaillance de pièces découlant de leur usure normale. La présente garantie limitée exclut l'entretien régulier des produits, tels que le nettoyage, la lubrification ou les vérifications.

La présente garantie limitée ne couvre que l'équipement fourni avec le produit. Elle ne couvre aucune assistance technique quant à l'usage d'équipement ou de logiciel et ne couvre aucun logiciel, fourni ou non avec le produit. De tels logiciel sont fournis « TELS QUELS », sauf aux termes d'une garantie limité de logiciel comprise dans l'emballage. Veuillez consulter les ententes d'usager comprises avec le produit pour connaître vos droits et obligations relativement aux logiciels.

La présente garantie n'est valide qu'au Canada.

Livraison :
L'unité doit être livrée en personne à l'un des centres de réparation Sony du Canada, ou expédiée, dans son emballage d'origine ou un emballage équivalent accordant un niveau de protection équivalent, ainsi que des directives indiquant l'emplacement au Canada où l'unité peut être retournée. Si l'unité est expédiée à un centre de réparation, l'unité réparée sera retournée au client port payé. Tous les accessoires compris avec l'unité doivent être énumérés individuellement sur le bordereau d'expédition aux fins de documentation d'expédition. Les accessoires défectueux doivent être expédiés à Sony à titre d'article distinct à réparer. Sony n'est pas responsable des pertes ou dommages des articles en transit expédiés aux centres de réparation. Toute pièce remplacée aux termes de la présente garantie limitée devient la propriété de Sony. **Vous êtes responsable de faire une copie de sauvegarde de toutes données, logiciels ou autres que vous auriez pu stocker ou conserver sur votre unité. Il est fort probable que des données, logiciels ou autres seront perdus ou reformatés pendant la réparation, et Sony n'est pas responsable de tels dommages ou pertes.**

Preuve d'achat :
La présente garantie limitée s'applique au produit à compter de la date d'achat originelle au détail. Par conséquent, le propriétaire doit présenter une preuve d'achat originelle au détail.

Produit visés par la présente garantie :
La présente garantie limitée s'applique aux produits Sony suivants, et peut aussi s'appliquer à d'autres produits s'ils font partie de l'emballage d'origine du produit :

Accessoires audio / vidéo
Produits audio / vidéo pour l'automobile
Caméras vidéo et accessoires connexes
Caméras photos numériques de type Cyber-shot® et accessoires connexes
Radios-réveil munis d'un lecteur CD
Lecteurs numériques de médias/Lecteurs numériques de musique
Imprimantes / scanners de photos numérisées
Enregistreurs numériques de la parole
Enregistreurs numériques à circuits intégrés
Systèmes audio pour la maison
Systèmes de cinéma-maison
Lecteurs et enregistreurs vidéo pour la maison
Produits de navigation mobile
Magnétophones à microcassettes
Baladeurs Net MD/H-MMD
Baladeurs réseau
Lecteurs CD portables / munis d'un récepteur radio
Lecteurs DVD portables
Radios portables de type « casque d'écoute stéréo »
Enregistreurs/lecteurs portables à MiniDisques
Radios portables et lecteurs CD / avec lecteur cassettes
Radios portables
Récepteurs-enregistreurs radiophoniques combinés
Magnétoscopes à cassettes et accessoires connexes
Baladeurs vidéo

SAUF DANS LA MESURE OÙ LA LOI APPLICABLE L'INTERDIT, TOUTES LES AUTRES GARANTIES ET CONDITIONS, EXPRESSES OU IMPLICITES, RELEVANT OU NON D'UNE LOI, D'UN ACTE LÉGISLATIF, D'HABITUDES COMMERCIALES ÉTABLIES OU D'USAGES DU COMMERCE, Y COMPRIS, NOTAMMENT, TOUTE GARANTIE IMPLICITE DE QUALITÉ MARCHANDE OU DE L'ADAPTABILITÉ À UNE FIN PARTICULIÈRE, SONT DÉSAVOUÉES. SONY NE SAURAIT EN AUCUN CAS ÊTRE RESPONSABLE D'UN MONTANT SUPÉRIEUR AU PRIX RÉEL D'ACHAT DU PRODUIT; ET SONY NE SAURAIT EN AUCUN CAS ÊTRE RESPONSABLE DE DOMMAGES SPÉCIAUX, ACCESSOIRES OU CONSÉCUTIFS SUBIS RELATIVEMENT AU PRODUIT. SONY N'ASSUME NI N'AUTORISE AUCUN REPRÉSENTANT OU QUICONQUE À ASSUMER EN SON NOM UNE OBLIGATION OU RESPONSABILITÉ AUTRE QUE CELLES QUI SONT EXPRESSÉMENT DÉCRITES AUX PRÉSENTES. L'EXCLUSION DE GARANTIES ET CONDITIONS IMPLICITES N'EST PAS AUTORISÉE DANS CERTAINS TERRITOIRES.

Enregistrement du produit :
Merci d'avoir choisi un produit Sony. Chez Sony, nous nous efforçons de créer des produits de la plus haute qualité afin de renforcer votre expérience et votre satisfaction. Afin d'assurer le meilleur soutien qui soit à votre produit, nous vous demandons de remplir une fiche d'enregistrement de produit sur le site www.fr.SonyStyle.ca/enregistrement dans les quatre-vingt-dix (90) jours suivant la date d'achat.

Pour obtenir de l'aide concernant le service ou obtenir des renseignements sur le produit ou concernant l'enregistrement du produit, veuillez appeler le 1-877-899-7669. Pour obtenir des renseignements concernant la garantie prolongée Sony Care, veuillez appeler le 1-800-773-9667.

Pour le support technique et les mises à jour en ligne en tout temps, vous pouvez visiter le
www.fr.sony.ca/sonyca/view/french/support_electronics.shtml,
ou appeler le Centre d'information à la clientèle Sony au 1-877-899-7669.

SONY

4-447-347-51

Consumer 1 Year Warranty

Sony of Canada Ltd. ("Sony") hereby warrants, subject to the terms and conditions herein set forth, this product against defects in material and workmanship during the specified warranty period. In the event of a defect of material or workmanship during the specified warranty period, Sony will repair the same, effecting all necessary parts replacements with either new or refurbished parts, without charge for either parts or labour.

The warranty period is as follows:
Labour and Parts: ONE year from the date of original purchase at retail.

Conditions:

Unauthorized Modification, Repair, Abuse, Etc.:
This limited warranty is void if: (i) the unit has been previously altered, modified, installed or mounted for commercial use, or repaired or serviced by anyone other than the service facilities authorized by Sony to render such services, (ii) the serial number on the unit has been altered or removed, or (iii) the unit has been subject to accident, misuse, abuse or operated contrary to the instructions contained in the Owner's Manual. The opinion of Sony with respect to this matter shall be final.

Commercial Use or Rental:
This product is not intended for commercial use or rental. Should this unit be used at any time for commercial purposes or as a rental unit, the limited warranty period for parts and labour shall be 90 days from the date of original purchase at retail. The opinion of Sony with respect to this matter shall be final.

Exclusions:
This limited warranty does not extend to broken or damaged cabinets, accessories, batteries, exposed antennas and styluses, or to parts wearing out due to normal wear and tear. This limited warranty does not cover regular product maintenance such as cleaning, lubrication or check-ups.

This limited warranty covers only the hardware components packaged with the product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the product. Any such software is provided "AS IS" unless expressly provided for in any enclosed software limited warranty. Please refer to the End User License Agreements included with the product for your rights and obligations with respect to the software.

This limited warranty is valid only in Canada.

Delivery:
The unit must be delivered in person to one of the nearest Sony service facilities in Canada, or shipped, freight prepaid, in either its original package or similar package affording an equal degree of protection and with instructions indicating a location within Canada to which the unit may be returned. If shipped to the service facility, the repaired unit will be returned to customer freight prepaid. All accessories that are enclosed with the unit must be listed individually on the packing slip for the shipping documentation. Defective accessories should be shipped to Sony as a separate repair item. Sony shall have no liability whatsoever for loss or damage in transit of items shipped to service facilities. Any parts replaced under this limited warranty will become the property of Sony. **It is your responsibility to back up any data, software or other materials you may have stored or preserved on your unit. It is likely that such data, software, or other materials will be lost or reformatted during service and Sony will not be responsible for any such damage or loss.**

Proof of Purchase:
This limited warranty applies to the product from the original date of purchase at retail. The owner must furnish proof of original purchase at retail.

Subject Products:
This limited warranty is applicable to the following Sony Products, and may also be applicable to other Sony products if enclosed in the product's original packaging:

Audio/Video Accessories
Car Audio/Video Products
Camcorders and related accessories
Cyber-shot® Digital still Camera and related accessories
Clock Radio/with CD Players
Digital Media Players/ Digital Music Players
Digital Photo Printers/Scanners
Digital Voice Recorder
IC Chip Recorders
Home Audio Systems
Home Theatre System
Home Video Player and Recorders
Mobile Navigation Products
Microcassette recorder
Net MD/H-MMD Walkman
Network Walkman
Portable CD Players/ with Radio
Portable DVD Players
Portable Headset Stereo Radios
Portable MiniDisc Recorder/Players
Portable Radio CD Players /with Cassette
Portable Radio
Radio Cassette Combinations
Video Cassette Recorders and related accessories
Video Walkman

EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ALL OTHER WARRANTIES AND CONDITIONS, EXPRESS OR IMPLIED, WHETHER ARISING BY LAW, BY STATUTE, BY COURSE OF DEALING OR USAGE OF TRADE, INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY, MERCHANTABLE QUALITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. UNDER NO CIRCUMSTANCES SHALL SONY BE LIABLE FOR AN AMOUNT GREATER THAN THE ACTUAL PURCHASE PRICE OF THE UNIT OR FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES SUSTAINED IN CONNECTION WITH SAID UNIT AND SONY NEITHER ASSUMES NOR AUTHORIZES ANY REPRESENTATIVE OR OTHER PERSON TO ASSUME FOR IT ANY OBLIGATION OR LIABLILITY OTHER THAN SUCH AS IS EXPRESSLY SET FORTH HEREIN. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES AND CONDITIONS.

Product Registration:
Thank you for choosing a Sony product. At Sony, we strive to create products of the highest quality to enhance your experience and enjoyment. To provide the best support for your product, we request that you complete a product registration form at www.SonyStyle.ca/registration within 90 days of purchase.

For service assistance, product information, or product registration please call: 1-877-899-7669. For information about a Sony Care Extended Warranty, please call 1-800-773-9667.

For online product support and updates at any time, please visit:
www.sony.ca/sonyca/view/english/support_electronics.shtml,
or call the Sony Customer Information Centre at 1-877-899-7669.

4-447-747-02

SONY®

Car Audio

LIMITED WARRANTY (U.S. Only)

Sony Electronics Inc. ("Sony") warrants this product against defects in material or workmanship for the time periods and as set forth below when purchased directly from Sony or a Sony Retailer. Pursuant to this Limited Warranty, Sony will, at its option, (i) repair the product using new or refurbished parts or (ii) replace the product with a new or refurbished product. For purposes of this Limited Warranty, "refurbished" means a product or part that has been returned to its original specifications. **In the event of a defect, these are your exclusive remedies.**

Labor: For a period of one (1) year from the original date of purchase of the product ("Labor Warranty"), Sony will, at its option, repair or replace with new or refurbished product, product determined to be defective. If Sony elects to replace the product after this Labor Warranty has expired but while the Parts Warranty below is still in effect, it will do so for the applicable labor charge.

Parts: For a period of one (1) year from the original date of purchase of product ("Parts Warranty"), Sony will supply new or refurbished replacement parts in exchange for parts determined to be defective.

This Limited Warranty covers only the hardware components packaged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty. Please refer to the End User License Agreements included with the Product for your rights and obligations with respect to the software.

Instructions: To obtain warranty service, you must deliver the product, freight prepaid, in either its original packaging or packaging affording an equal degree of protection to the Sony authorized service facility specified. **It is your responsibility to backup any data, software or other materials you may have stored or preserved on your unit. It is likely that such data, software, or other materials will be lost or reformatted during service and Sony will not be responsible for any such damage or loss.** A dated purchase receipt from Sony or a Sony Retailer is required. For specific instructions on how to obtain warranty service for your product,

Visit Sony's Web Site:
www.sony.com/support

Or call the **Sony Customer Information Service Center**
1-800-222-SONY(7669)

For an accessory or part not available from your authorized dealer, call:

1-800-488-SONY (7669)

Repair / Replacement Warranty: This Limited Warranty shall apply to any repair, replacement part or replacement product for the remainder of the original Limited Warranty period or for ninety (90) days, whichever is longer. Any parts or product replaced under this Limited Warranty will become the property of Sony.

This Limited Warranty only covers product issues caused by defects in material or workmanship during ordinary consumer use; it does not cover product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, misuse, limitations of technology, or modification of or to any part of the Sony product or product purchased from other than Sony or a Sony Retailer. To determine if a retailer is part of the Sony Retailer Network, please contact Sony's Customer Service Call Center or go to www.sony.com/support. This Limited Warranty does not cover Sony products sold AS IS or WITH ALL FAULTS or consumables (such as fuses or batteries). This Limited Warranty is invalid if the factory-applied serial number has been altered or removed from the product. This Limited Warranty is valid only in the United States.

LIMITATION ON DAMAGES: SONY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT.

DURATION OF IMPLIED WARRANTIES: EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This Limited Warranty gives you specific legal rights and you may have other rights which vary from state to state.

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